

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Maxus Exploration Company

3. ADDRESS OF OPERATOR

P.O. Box 2530 Mills, Wyoming 82644

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

522' FSL 522' FEL SE/SE

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15 miles southwest of Bonanza Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

522'

16. NO. OF ACRES IN LEASE

2442.09

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6,500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,773' GR

22. APPROX. DATE WORK WILL START*

August 20, 1987

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 1/2"	9 5/8"	36# K-55	250'	Circ. to surface
8 3/4"	7"	23#, 26# K-55	6,500'	Circ from TD to 200' above top of oil shale

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 8-12-87
BY: John R. Baya
WELL SPACING: 16/15-2-3

RECEIVED
JUL 13 1987

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

James M. Pachucki

Sr. Environmental &

TITLE Regulation Engineer

DATE 7-10-87

(This space for Federal or State office use)

PERMIT NO.

43-047-31806

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T 11 S, R 23 E, S.L.B. & M.

PROJECT
MAXUS EXPLORATION

Well location, ROCKHOUSE # 44 - 14,
located as shown in the SE 1/4 SE 1/4
Section 14, T11S, R 23 E, S.L.B. & M.
Uintah County, Utah.

N 89° 57' W

80. 22

14

ROCKHOUSE # 44 - 14
Elev. Ungraded Ground 5773'

80. 02

S 89° 55' W

S 89° 56' E 2643.87'
Basis of Bearings
S 1/4 Cor. Sec. 13,
T 11 S, R 23 E, S.L.M.

X = Section Corners Located

BASIS OF ELEVATION

BENCH MARK 87 EAM LOCATED IN THE SE 1/4 SW 1/4
SECTION 1, T 12 S, R 23 E, S.L.B. & M, SAID BENCH
MARK IS SHOWN OR STATED BY MAP OR AGENCY
TO HAVE AN ELEVATION OF 5887 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

[Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 6 / 17 / 87
PARTY LDT JK RK DA BFW	REFERENCES GLO Plat
WEATHER Fair	FILE MAXUS EXPLORATION

EIGHT POINT COMPLIANCE PROGRAM

Rock House Unit 44-14
SE/SE, Sec. 14, T11S, R23E
Uintah County, Utah

1. GEOLOGIC NAME OF SURFACE FORMATION AND ESTIMATED FORMATION TOPS

Surface formation is the Uinta Formation.

<u>FORMATION</u>	<u>DEPTH</u>
Green River	454'
Bottom Oil Shale	1,493'
Lower Black Shale	2,909'
Wasatch	2,948'
Mesa Verde	4,838'
T.D.	6,500'

2. ESTIMATED DEPTHS OF WATER, OIL, GAS OR MINERALS

Oil and gas may be encountered in the Wasatch and Mesa Verde Formations.

Water: Ground water is anticipated to approximately 150'. Some brackish water sands could possibly exist below this level, however the hydrostatic head of the drilling fluid will safely contain these waters within their formations.

EIGHT POINT COMPLIANCE PROGRAM

Rock House Unit 44-14
SE/SE, Sec. 14, T11S, R23E
Uintah County, Utah
(Page 2)

3. PRESSURE CONTROL EQUIPMENT

- A. Refer to Diagram A.
- B. Minimum pressure ratings on any and all B.O.P. or related control equipment will be 3,000#/in.
- C. B.O.P. stack will be pressure tested to working pressure of B.O.P. or 70% yield of surface pipe prior to drilling out of surface casing. The stack will then be checked on each trip to insure workability. B.O.P. will be tested at least once each 30 days if drilling duration warrants.
- D. Hydraulic B.O.P. controls will be located in the accumulator shed. Manual controls will be located on the B.O.P.

4. A. Casing Design:

<u>Casing String</u>	<u>Interval</u>	<u>Section Length</u>	<u>Size OD</u>	<u>Wt.</u>	<u>Grade</u>	<u>Type</u>	<u>Cond.</u>
Surface	0' - 250'	250'	9 5/8"	36#	K-55	ST&C	New
Production	0' - 5,000'	5,000'	7"	23#	K-55	LT&C	New
	5,000' - 6,500'	1,500'	7"	26#	K-55	LT&C	New

All casing strings will be pressure tested to a minimum of 1,000 psi or .2 psi/ft. prior to drilling out cement.

B. Cement Program:

Surface Type and Amount of Cement

Circulate to surface with Lite and tailed with Regular. If there are inadequate cement returns or fallback, surface will be cemented from surface with 1" pipe.

Production

Lite tailed with Regular. Volume and fill-up will be determined by Caliper Log. Est. amount 350 sxs. Production hydrocarbon zones will be cemented.

(Page 3)

4. C. Auxiliary Equipment

- ## 5. THE TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATING MUD

If conditions necessitate mud up may be above 2,700'.

WL 10 cc.

Monitoring Equipment: Full hole or mud return indicator from mud up to T.D.

1. Drill Stem Tests: Will be determined by onsite geologist.
2. Coring: Will be determined by onsite geologist.
3. Logging: Dual Induction Log will be run from T.D. to base of surface casing and Gamma Ray across the surface casing. BHC-Sonic will be run from T.D. uphole 1,000+'.
4. Completion Plan: If hydrocarbons are found a fracturing procedure may be initiated. If this fracturing procedure is used, the pumping equipment, tanks of combustible fluid and well head will be a minimum of 75' apart. Fracturing size and type will be determined after evaluation of logs.

EIGHT POINT COMPLIANCE PROGRAM

(Page 4)

Rock House Unit 44-14
SE/SE, Sec. 14, T11S, R23E
Uintah County, Utah

7. ABNORMAL DRILLING CONDITIONS

1. Abnormal Pressure: None anticipated.
2. Abnormal Temperatures: None anticipated.
3. Hydrogen Sulfide: None anticipated.
4. Anticipated Bottom Hole Pressure: 1,500 psi.

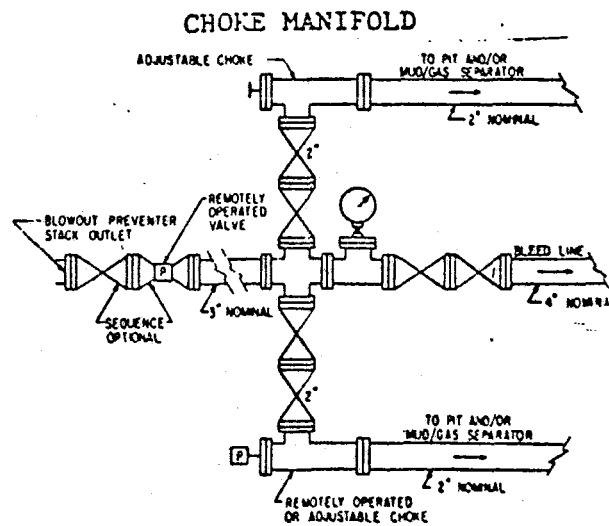
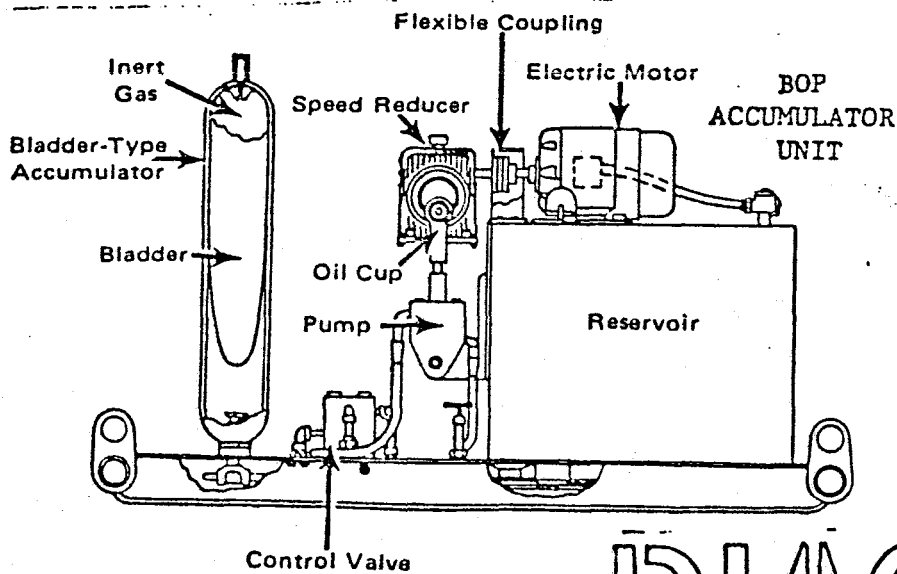
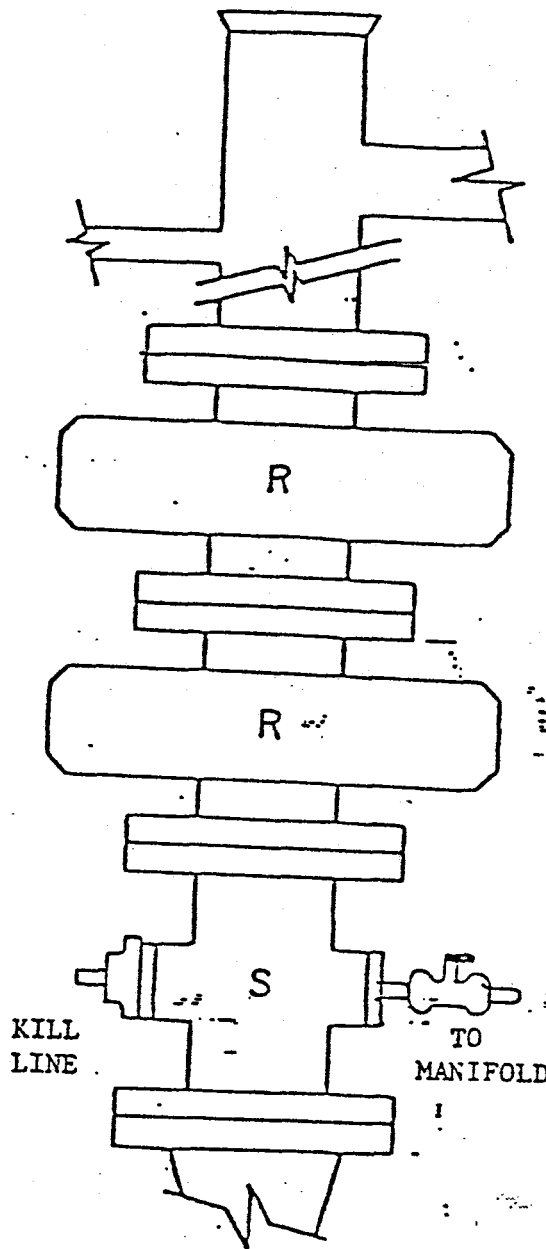
8. ANTICIPATED STARTING DATE AND DURATION

We anticipate commencing operations by August 20, 1987 or as soon as governmental approval is obtained. The anticipated duration of drilling and completion operations is approximately six (6) weeks.

30000 BOP

PIPE RAMS

BLIND RAMS



Diagram

MAXUS

Rock House 44-14
SE/SE, Sec. 14, T11S, R23E
Uintah County, Utah

1. EXISTING ROADS

- A. From Bonanza Utah, travel south on the Bonanza Highway (paved) to the 0 mile marker (approximately 5 miles). Turn left on existing road (gravel) and proceed 4.1 miles, continue straight for 7.9 miles, take the left fork and proceed 9.6 miles, turn right and go 3.3 miles to the beginning of the new road.
- B. Existing roads will be maintained in as good or better condition.

2. ACCESS ROAD

- 1. Width: 0.7 mile of new road to be bladed to a width of 18'.
- 2. Maximum Grades: Less than 8%.
- 3. Turnouts: None.
- 4. Drainage Design: Minor ditching required for drainage.
- 5. Culverts, Major Cuts and Fills: None for drilling.
- 6. Surfacing Material: Native soil.
- 7. Gates, Cattleguards or Fence Cuts: None.
- 8. New road has been flagged.

Rock House 44-14
SE/SE, Sec. 14, T11S, R23E
Uintah County, Utah
(Page 2)

3. LOCATION OF EXISTING WELLS

1. Water Wells: None.
2. Abandoned Wells: Two.
3. Temporarily Abandoned Wells: None.
4. Disposal Wells: None.
5. Drilling Wells: None.
6. Producing Wells: None.
7. Shut in Wells: Four.
8. Injection Wells: None.
9. Monitoring or Observation Wells: None.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. New Facilities

BLM will be notified upon production, and an inspection will be held to determine tank battery construction.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Location: White River, Sec. 23, T10S, R23E.
- B. Transportation: Water will be hauled over existing roads.
- C. Water Well: No water well to be drilled.

Rock House 44-14
SE/SE, Sec. 14, T11S, R23E
Uintah County, Utah
(Page 3)

6. SOURCE OF CONSTRUCTION MATERIALS

- A. Native soil from road and location will be used for construction materials.
- B. Construction materials are from access road and location.
- C. In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be obtained from private supplies in the marketing area.
- D. No additional road is required on Federal or Indian lands for construction materials.

7. METHODS OF HANDLING WASTE DISPOSAL

- 1. Cuttings: Will be contained in the reserve pit.
- 2. Drilling Fluids, Including any Salts or Chemicals: Will be contained in the reserve pit and allowed to evaporate before being covered. The reserve pit will be designed to prevent the collection of surface run off.
- 3. Produced Fluids: Oil will be put in storage tanks. Formation water will be put in the reserve pit.
- 4. Sewage will be contained in a portable latrine or bored hole, and a suitable chemical used. Bore holed sewage will be covered with a minimum of 6' of fill.
- 5. Garbage or other waste material will be put in the trash cage, which will be totally enclosed and hauled to sanitary land fill. No burning will be allowed.
- 6. Cleanup of Well Site: All debris will be gathered and collected after the drilling rig has moved out. The location will then be re-leveled prior to moving in a completion rig. Cellar, rathole and mousehole will be filled at this time. Reserve pit will be fenced on three sides during drilling and the fourth side upon release of the rig.

8. ANCILLARY FACILITIES

No camps, airstrips or other ancillary facilities required.

9. WELLSITE LAYOUT

1. Cross sections of drill pad with cuts and fills refer to Diagram.
2. Location of mud tanks, reserve pit, flare pit, piperacks, living facilities, and soil material stockpiles - refer to Diagram.
3. Rig orientation, parking areas, and access road - refer to Diagram.
4. Steel pits will be utilized to circulate drilling mud. The reserve pit will be lined with bentonite.

10. PLANS FOR RESTORATION OF SURFACE

1. Backfilling, Leveling, Contouring and Waste Disposal: Backfilling of the pits will be done when dry. In the event of a dry hole, the location will be contoured, to restore the surface to as near its original condition as possible. In the event of production those areas not needed for operations will be recontoured to support vegetation. Waste materials will be hauled to a sanitary landfill.
2. Revegetation and Rehabilitation: Stockpiled topsoil stripped from the location will be redistributed after contouring. All areas disturbed by Maxus Exploration Company, (drilling pad and access road) will be reseeded with a mixture and at a time recommended by the surface surfmace amangement agency.
3. Pit Maintenance: Pits will remain fenced and be maintained until backfilled.
4. Oil on Pit: Oil on the pit will be removed or over-head flagging installed for the protection of waterfowl.
5. Timetable of Rehabilitation: Rehabilitation will begin upon completion of drilling. Complete rehabilitation will depend on weather conditions and time required for pits to dry.

Rock House 44-14
SE/SE, Sec. 14, T11S, R23E
Uintah County, Utah
(Page 5)

11. SURFACE OWNERSHIP

Surface Ownership: Federal - BLM

12. OTHER INFORMATION

Proximity of Water: There are no known archaeological, historical or cultural sites in the area.. There is no live water or occupied dwellings within a one mile radius.

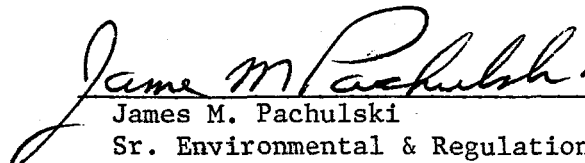
13. LESSEE OR OPERATOR REPRESENTATIVE AND CERTIFICATION

Russ Ivie Drawer E, Vernal Utah 84078 801-789-5270
Jim Pachulski P.O. Box 2530 Mills, Wyoming 82644 307-266-1882
Bill Foster P.O. Box 2530 Mills, Wyoming 82644 307-266-1882

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Maxus Exploration Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

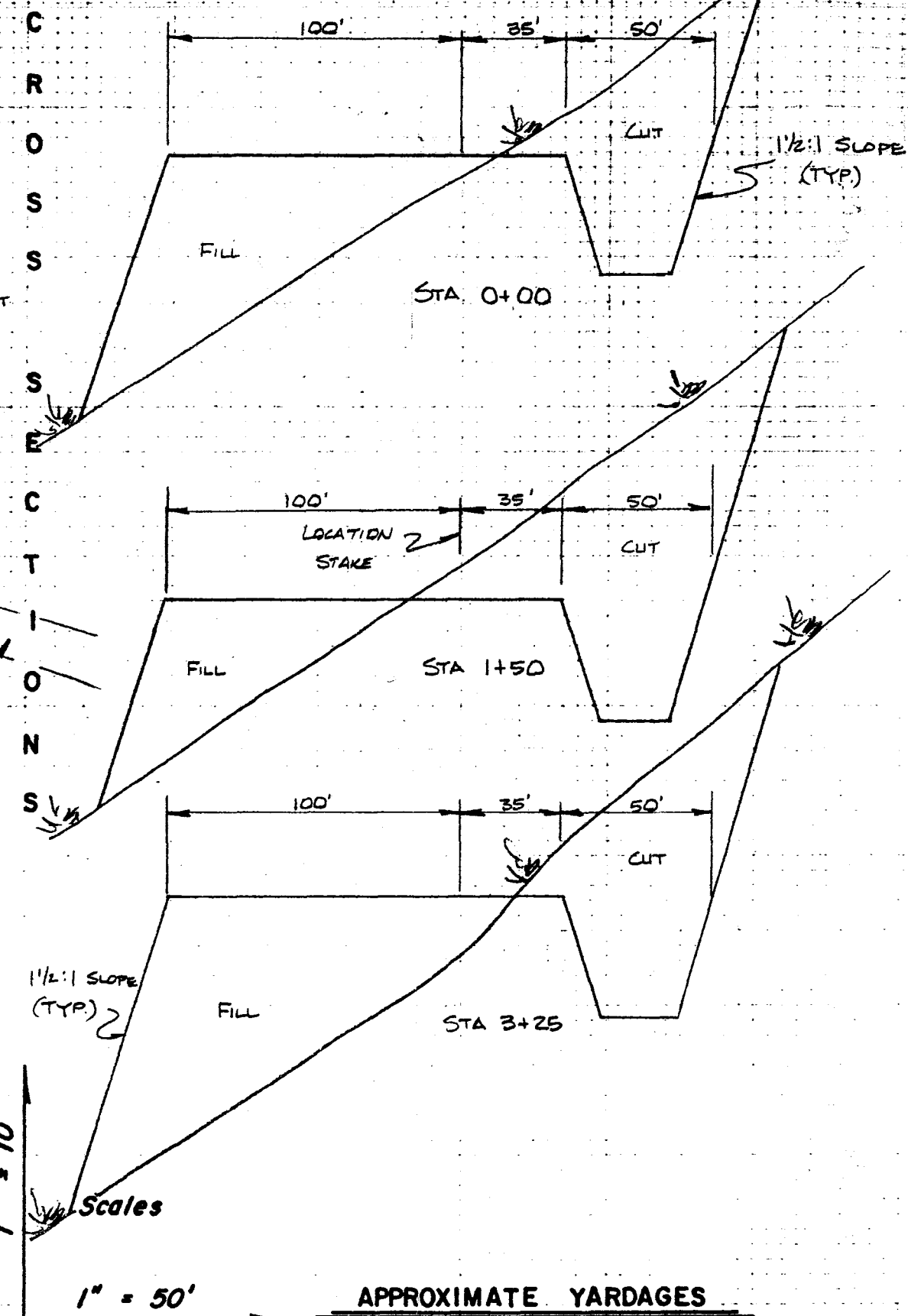
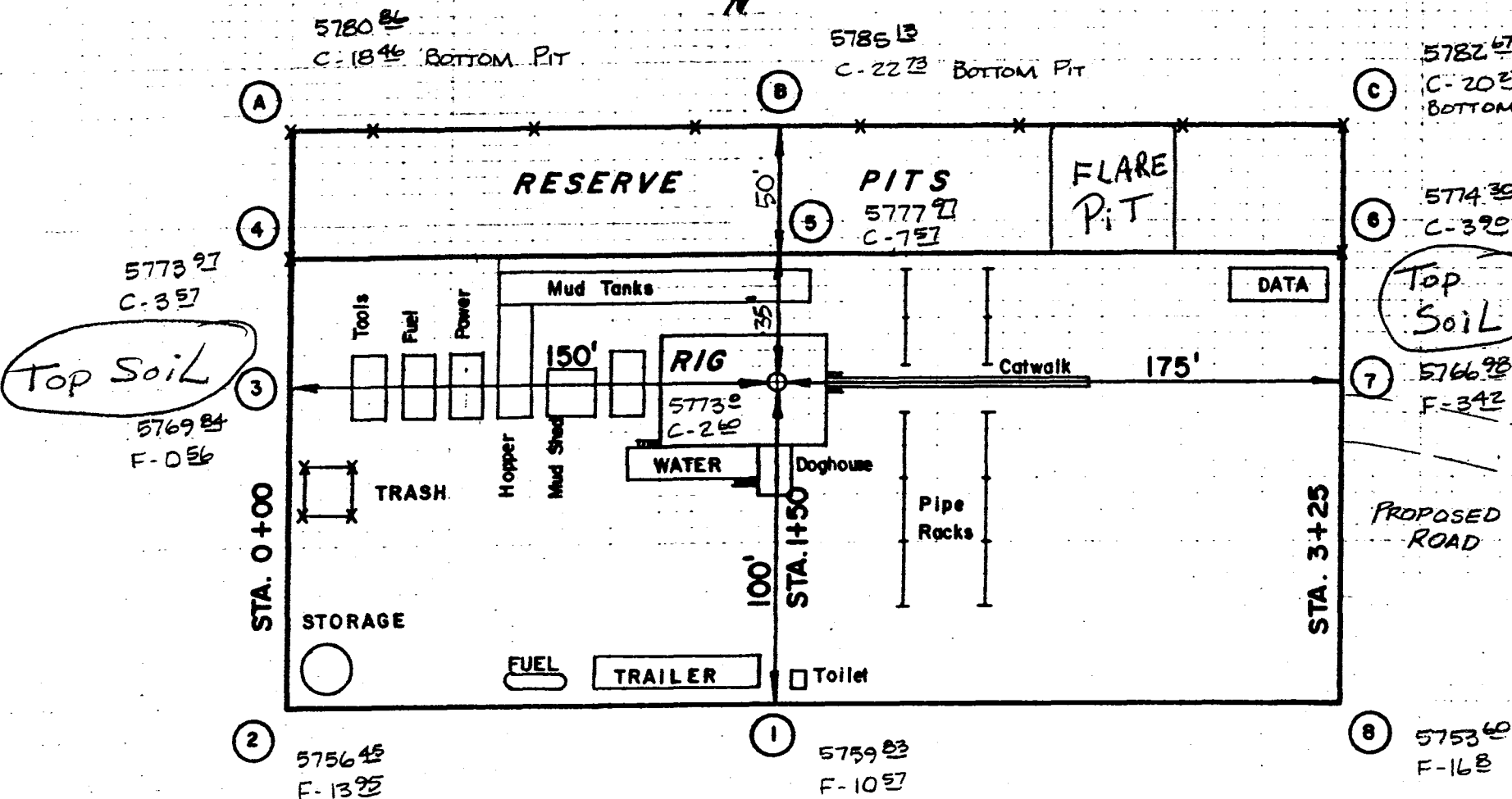
DATE

7/9/87


James M. Pachulski
Sr. Environmental & Regulation Engineer

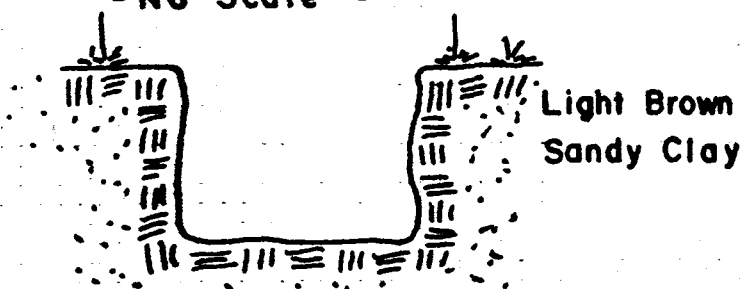
MAXUS EXPLORATION ROCKHOUSE #44-14

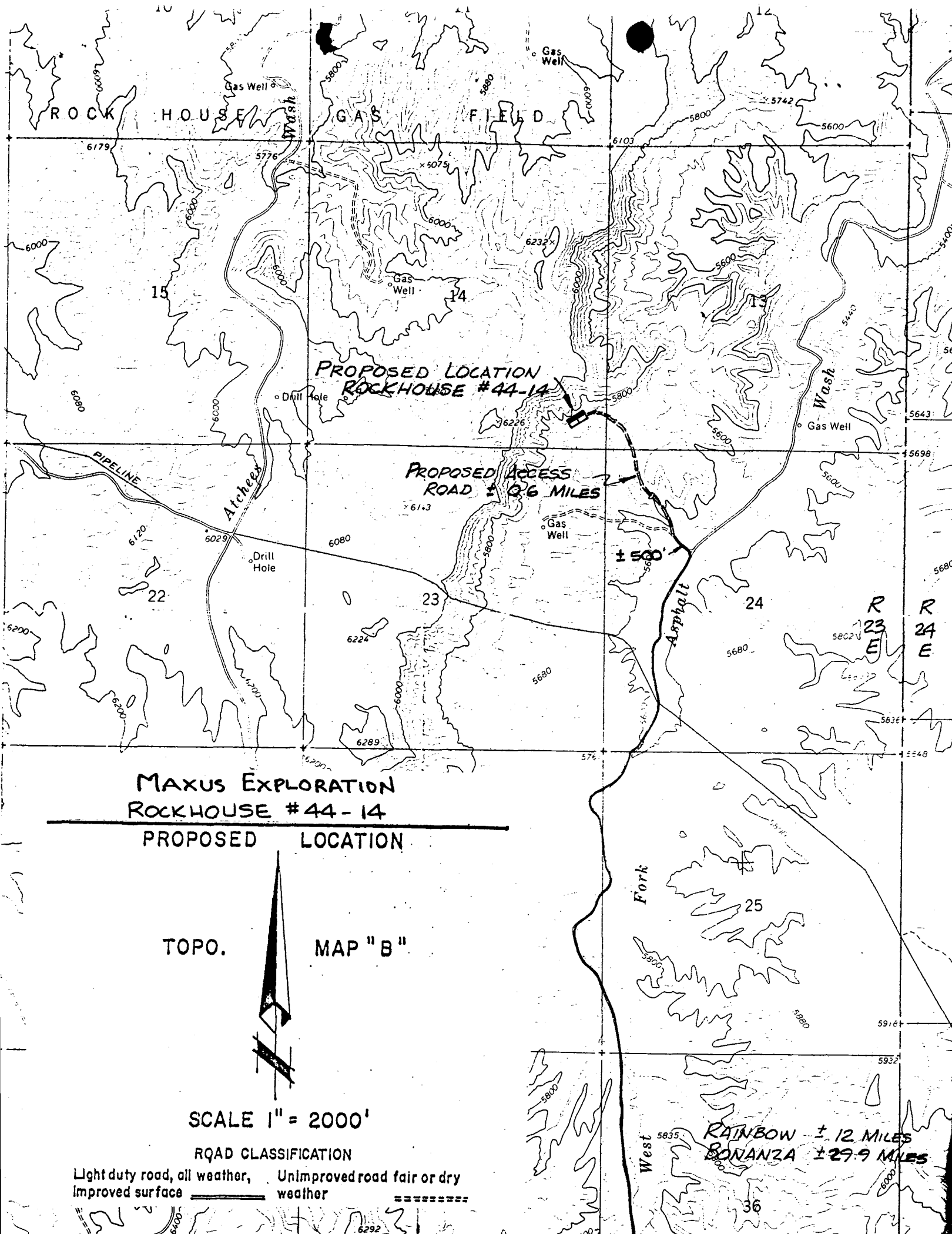
SCALE 1" = 50' HORIZ
1" = 10' VERT
DATE 6-19-87



SOILS LITHOLOGY

- No Scale -





ROCKHOUSE GAS FIELD

PROPOSED LOCATION
ROCKHOUSE #44-14

PROPOSED ACCESS
ROAD ± 0.6 MILES

MAXUS EXPLORATION
ROCKHOUSE #44-14

PROPOSED LOCATION

TOPO.

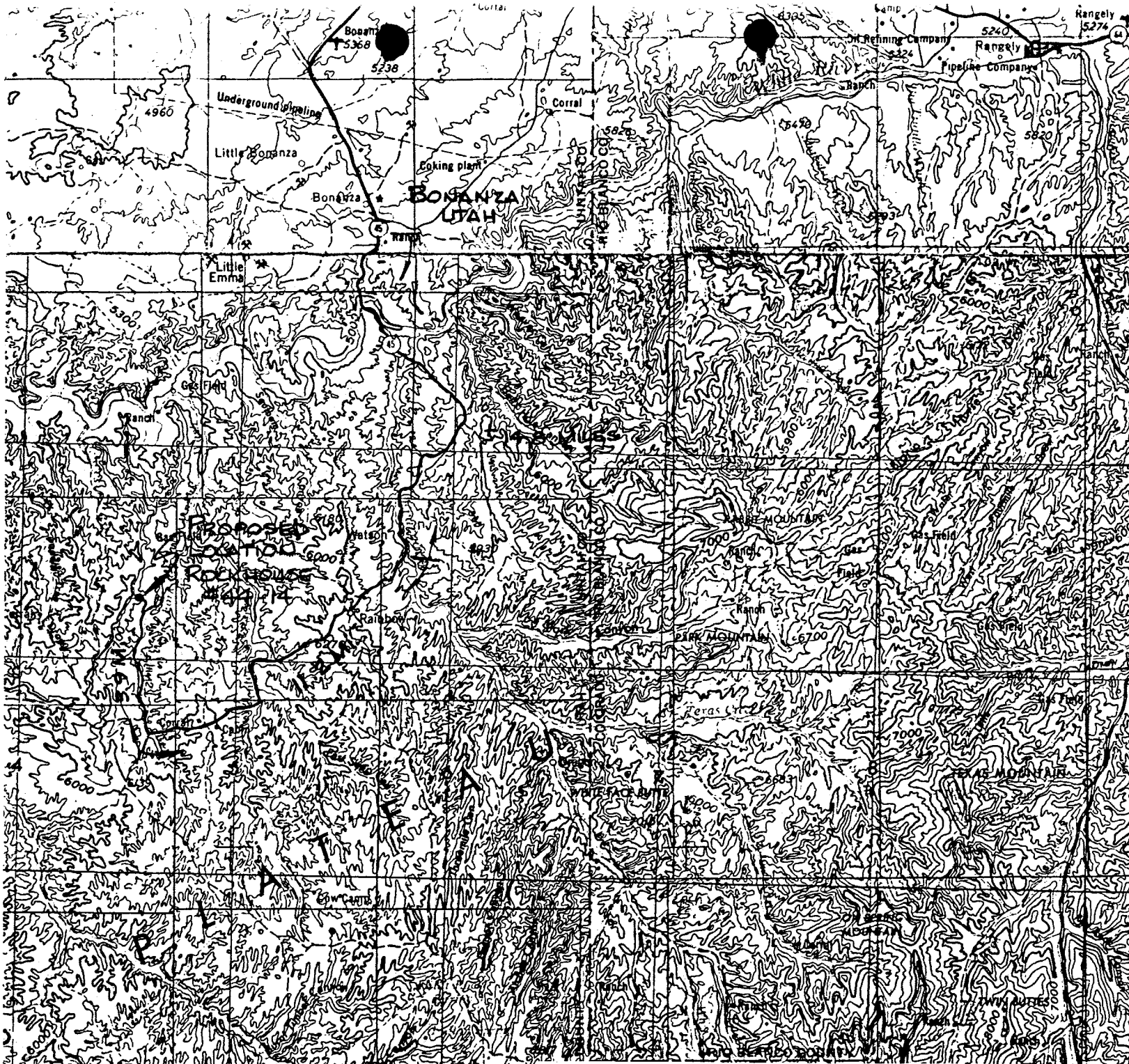
MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather, Improved surface
Unimproved road fair or dry weather

RAINBOW ± 12 MILES
BONANZA ± 29.9 MILES



MAXUS EXPLORATION
ROCKHOUSE #44-14
PROPOSED LOCATION

TOPO.

MAP "A"

SCALE 1" = 4 MI.

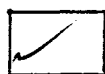
081412

OPERATOR Mapus Exploration Co. DATE 7-15-87WELL NAME Rock House Unit 44-14SEC SE SE 14 T 11S R 23E COUNTY Wintab

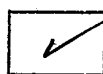
43-047-31806
 API NUMBER

Ac.
 TYPE OF LEASE

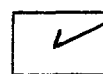
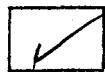
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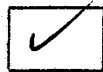
PLAT



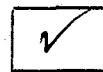
BOND

NEAREST
WELL

LEASE



FIELD

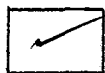
POTASH OR
OIL SHALE

PROCESSING COMMENTS:

Unit Well - OK on P.O.DNeed water permit

APPROVAL LETTER:

SPACING:


Rock House
 UNIT
 

302



CAUSE NO. & DATE



302.1

STIPULATIONS:

1- Water



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 12, 1987

Maxus Exploration Company
P. O. Box 2530
Mills, Wyoming 82644

Gentlemen:

Re: Rock House Unit 44-14 - SE SE Sec. 14, T. 11S, R. 23E
522' FSL, 522' FEL - Uintah County, Utah

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule R615-2-3, Oil and Gas Conservation General Rules, subject to the following stipulation:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form to the Division within five working days of the time that the well is spudded or a change in operations or interests necessitates a change in entity status.
3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
4. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.

Page 2
Maxus Exploration Company
Rock House Unit 44-14
August 12, 1987

5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31806.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
8159T

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐
SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Maxus Exploration Company

3. ADDRESS OF OPERATOR
P.O. Box 2530 Mills, Wyoming 82644

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At proposed prod. zone

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15 miles southwest of Bonanza Utah

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 522'

16. NO. OF ACRES IN LEASE
2442.09

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
6,500'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5,773' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 1/2"	9 5/8"	36# K-55	250'	Circ. to surface
8 3/4"	7"	23#, 26# K-55	6,500'	Circ from TD to 200' above top of oil shale

5. LEASE DESIGNATION AND SERIAL NO.
U-0779 082409

6. IF INDIAN, ALLOTTEE OR TRUST LAND

7. UNIT AGREEMENT NAME
Rock House

8. FARM OR LEASE NAME

9. WELL NO.
44-14

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 14, T11S, R23E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
August 20, 1987

RECEIVED

AUG 17 1987

DIVISION OF OIL
GAS & MINING

JUL 1987

JUL 13 1987

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Jame M. Pacheco Sr. Environmental & Regulation Engineer DATE 7-10-87

(This space for Federal or State office use)

PERMIT NO. 43-047-31806 APPROVAL DATE

APPROVED BY [Signature] TITLE Adm. Mgr. DATE 8-12-87
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Div OG+M

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Maxus Exploration Company Well No. 44-14
Location SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 14 T11S R23E Lease No. U-0779

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Due to this proposed wells involvement in the Rock House Unit, technical consideration shall be given to the possibility of a dual completion capable of simultaneous, yet separate, production from both the Mesa Verde and Wasatch formations.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report all water shows and water-bearing sands encountered to Wayne Svejnoha of this office. Copies of State of Utah form OGC-8-X will be acceptable. If noticeable water flows are encountered, submit samples to this office along with any water analyses conducted by the operator.

The Birdsnest Aquifer should be encountered from +680' to +950'. This aquifer shall require protection via the casing and cementing program.

The Mahogany zone of the Parachute Creek Member of the Green River formation is anticipated to be encountered at +1,100'. This mineral zone shall require protection via the casing and cementing program.

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

All BOPE and testing procedures will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all

casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

An annular bag-type BOP shall be utilized and tested to 1,500 psi.

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

If production casing is run and cemented, a cement bond log shall be run to determine cement top and bond quality.

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

In the event after-hour approvals are necessary, please contact one of the following individuals:

Craig M. Hansen Assistant District Manager for Minerals	(801) 247-2318
Gerald E. Kenczka Petroleum Engineer	(801) 781-1190
R. Allen McKee Petroleum Engineer	(801) 781-1368

Revised October 1, 1985

Date APD Received 07/13/87

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

Company/Operator Maxus Exploration Company
Well Name & Number Rock House 44-14
Lease Number U-0779
Location SE ¼ SE ¼ Sec. 14 T. 11 S. R. 23 E.
Surface Ownership Federal

B. THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

1. Planned Access Roads

Access road surface ownership is on BLM surface and will have a 30 ft. right-of-way. It is entirely in the unit.

All travel will be confined to existing access road rights-of-way.

Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

2. Location of Existing and/or Proposed Facilities

When the well is completed for production, the operator will apply for appropriate approval of subsequent operations.

If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to contain $1\frac{1}{2}$ times the storage capacity of the battery. The integrity of the dike must be maintained.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

3. Methods for Handling Waste Disposal

The reserve pit shall be lined with bentonite.

If the pit is lined, it shall be constructed so as not to leak, break, or allow discharge.

Produced waste water will be confined to an appropriate pit or, if deemed necessary, a storage tank for a period not to exceed 90 days after first production. During the 90-day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

4. Well Site Layout

The reserve pit will be located on the north side of the location. Part of the reserve pit will serve as a blooie pit. A blooie line of 100' minimum will be used during drilling operations. The remainder of the location agrees with the diagram and APD.

5. Plans for Restoration of Surface

Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within one year from the date of well completion.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

An appropriate seed mixture will be determined by the BLM at the time restoration activities are scheduled to begin.

All seeding will be done from September 1 until the ground freezes.

At such time as the well is plugged and abandoned, the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

6. Other Additional Information

A cultural resource clearance will be required before any construction begins on Federal and Indian lands.

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Surface Management Agency.

On BLM administered land, it is required that a proposed use of pesticide, herbicide or other possible hazardous chemicals shall be cleared for use prior to application.

The operator or his contractor shall contact the BLM at (801) 789-1362 between 24 and 48 hours prior to construction activities. Contact the Bookcliffs Resource Area.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

082709

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-047-31806

NAME OF COMPANY: MAXUS EXPLORATION

WELL NAME: ROCK HOUSE UNIT 44-14

SECTION SE SE 14 TOWNSHIP 11S RANGE 23E COUNTY Uintah

DRILLING CONTRACTOR Leon Ross

RIG #

SPUDDED: DATE 8-26-87

TIME 10:00 AM

HOW Dry Hole Spudder

DRILLING WILL COMMENCE Approx. 8-28-87 Olsen #7

REPORTED BY Russ Ivie

TELEPHONE # 789-5270

DATE 8-26-87 SIGNED AS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-0799
2. NAME OF OPERATOR Maxus Exploration Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 090113
3. ADDRESS OF OPERATOR P. O. Box 1669, Vernal, Utah 84078		7. UNIT AGREEMENT NAME Rockhouse Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 522' FSL & 522' FEL, SE/SE		8. FARM OR LEASE NAME
14. PERMIT NO. 43-047-31806	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5773' GR	9. WELL NO. 44-14
		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T11S, R23E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Spudding</u> <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DATE & TIME SPULDED: 8-26-87 @ 11:00 A.M.

SPULDED W/DRY HOLE SPUDDER: Leon Ross Drilling

ROTARY RIG: Olsen Drilling Rig # 7, MI & RU 8-27-87

DRILLED 12 1/2 HOLE TO 275' ft. RAN 6 JTS OF 9 5/8K-55 36#/FT. CASING,
LANDED AT 281 FT. K.B. CEMENTED TO SURFACE W/140 SX CLASS D-840 CEMENT.

REPORT OF SPUD CALLED IN TO Sally Gardner W/BLM AND TO ARLENE W/STATE OF UTAH, DIV.
OF OIL, GAS AND MINING.

WATER USED IN THE DRILLING OF THIS WELL WILL BE PURCHASED FROM AND TRANSPORTED BY
DALBO, INC. USING THEIR PERMIT # T-62756

18. I hereby certify that the foregoing is true and correct

SIGNED

RUSS IVIE

TITLE DISTRICT SUPERINTENDENT

DATE 8-27-87

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

AUG 31 1987

DIVISION OF OIL
GAS & MINING

*See Instructions on Reverse Side

FILING FOR WATER IN THE STATE OF UTAH

090820

Rec. by SM
Fee Paid \$ 50.00
Platted 28844
Microfilmed _____
Roll # _____

APPLICATION TO APPROPRIATE WATER TEMPORARY

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

13.047.3180

7-8 AUG 21 1987

WATER USER CLAIM NO. 49 - 1423

WATER RIGHTS
SALT LAKE

APPLICATION NO. T62756

1. PRIORITY OF RIGHT: August 14, 1987

FILING DATE: August 14, 1987

2. OWNER INFORMATION

Name: Dalbo Inc.

Address: P.O. Box 1167, Vernal, UT 84078

The land is not owned by the applicant(s), see explanatory.

3. QUANTITY OF WATER: 4.0 acre feet (Ac. Ft.)

4. SOURCE: White River DRAINAGE: SE Uinta Basin

POINT(S) OF DIVERSION:

COUNTY: Uintah

(1) N. 2100 feet, W. 1950 feet, from the SE Corner of Section 23,

Township 10 S, Range 20 E, SLB&M

Description of Diverting Works: Pump & truck to place of use.

COMMON DESCRIPTION: About 8 Miles SW of Bonanza

5. NATURE AND PERIOD OF USE

Oil Exploration From September 1 to August 31.

6. PURPOSE AND EXTENT OF USE

Oil Exploratio: For oil well drilling and completion of well

7. PLACE OF USE

The water is used in all or parts of each of the

TOWN	RANGE	SEC	North East Quarter				North West Quarter								
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$					
11	S	23	E	14											

All locations in Salt Lake Base and Meridian

ions.

South East Quarter

NW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$

X

EXPLANATORY

Leasing land for oil well drilling and development.

RECEIVED

SEP 8 1987

DIVISION OF OIL
AND GAS

Appropriate

The applicant hereby acknowledges he/they are a citizen(s) of the
United States or intends to become such a citizen.

The quantity of water sought to be appropriated is limited to that which
can be beneficially used for the purpose herein described.

The undersigned hereby acknowledges that even though he/they may have been assisted in
the preparation of the above-numbered application through the courtesy of the employees
of the Division of Water Rights, all responsibility for the accuracy of the information
contained therein, at the time of filing, rests with the applicant(s).


Signature of Applicant

STATE ENGINEER'S ENDORSEMENT

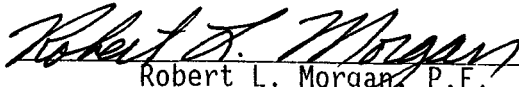
WATER RIGHT NUMBER: 49 - 1423

APPLICATION NO. T62756

1. August 14, 1987 Application received by TNB.
 2. August 17, 1987 Application designated for APPROVAL by TNB and SG.
 3. Comments:
-
-

Conditions:

This application is hereby APPROVED, dated September 4, 1987, subject to prior rights and this application will expire on September 4, 1988.


Robert L. Morgan, P.E.
State Engineer

092405



HALLIBURTON SERVICES

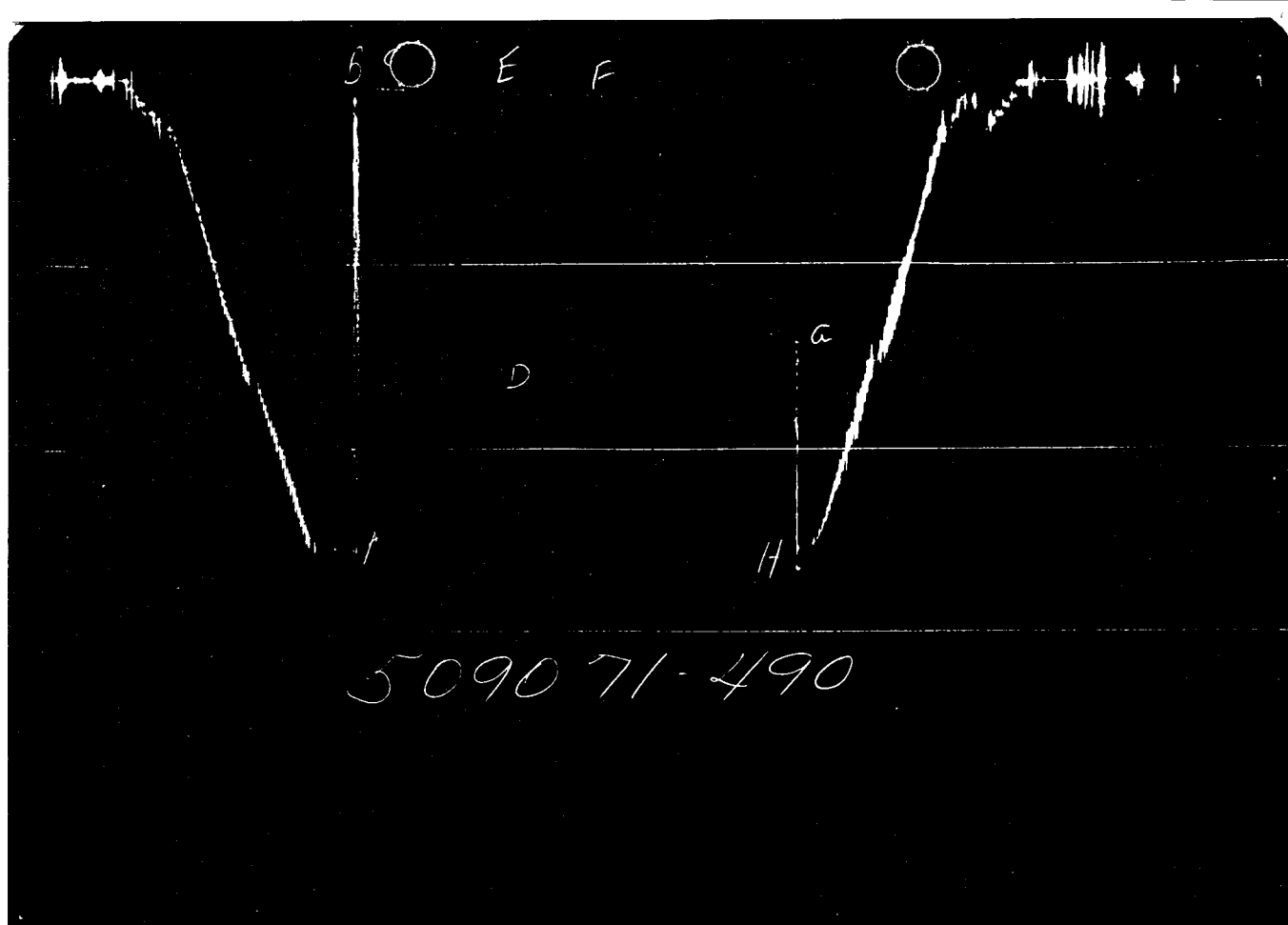
TICKET NO. 50907100
15-SEP-87
VERNAL

SEP 17 1987

SEP 17 1987

FORMATION TESTING SERVICE REPORT

ROCK HOUSE	44-14	3	5385.0 - 5425.0	MRXUS EXPLORATION COMPANY
LEASE NAME	WELL NO.	TEST NO.	TESTED INTERVAL	LEASE OWNER/COMPANY NAME
LEGAL LOCATION SEC. - TWP. - RNG.	14 11S 23E	FIELD AREA	ROCK HOUSE	COUNTY
				UTIMBH
				STATE
				UTIM SM



GAUGE NO: 490 DEPTH: 5365.0 BLANKED OFF: NO HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2539	2557.6			
B	INITIAL FIRST FLOW	27	39.6			
C	FINAL FIRST FLOW	40	51.5	30.0	29.7	F
C	INITIAL FIRST CLOSED-IN	40	51.5			
D	FINAL FIRST CLOSED-IN	1567	1575.3	60.0	60.4	C
E	INITIAL SECOND FLOW	40	57.7			
F	FINAL SECOND FLOW	80	83.5	60.0	59.5	F
F	INITIAL SECOND CLOSED-IN	80	83.5			
G	FINAL SECOND CLOSED-IN	1407	1420.3	120.0	120.4	C
H	FINAL HYDROSTATIC	2539	2544.4			

GAUGE NO: 198 DEPTH: 5422.0 BLANKED OFF: YES HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2550	2582.7			
B	INITIAL FIRST FLOW	53	57.0			
C	FINAL FIRST FLOW	66	67.9	30.0	29.7	F
C	INITIAL FIRST CLOSED-IN	66	67.9			
D	FINAL FIRST CLOSED-IN	1576	1591.7	60.0	60.4	C
E	INITIAL SECOND FLOW	66	74.2			
F	FINAL SECOND FLOW	92	94.4	60.0	59.5	F
F	INITIAL SECOND CLOSED-IN	92	94.4			
G	FINAL SECOND CLOSED-IN	1419	1434.5	120.0	120.4	C
H	FINAL HYDROSTATIC	2550	2569.8			

TICKET NO: 50907100

CLOCK NO: 2418 HOUR: 12



GAUGE NO: 198

DEPTH: 5422.0

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	57.0			
2	5.0	60.4	3.4		
3	10.0	63.3	2.9		
4	15.0	65.0	1.7		
5	20.0	65.9	0.9		
6	25.0	66.9	0.9		
C 7	29.7	67.9	1.1		
FIRST CLOSED-IN					
C 1	0.0	67.9			
2	1.0	106.0	38.1	1.0	1.482
3	2.0	146.4	78.5	1.9	1.198
4	3.0	183.5	115.6	2.7	1.037
5	4.0	220.7	152.8	3.5	0.928
6	5.0	261.9	194.0	4.3	0.839
7	6.0	293.8	225.9	5.0	0.777
8	7.0	329.5	261.6	5.7	0.721
9	8.0	368.9	301.0	6.3	0.673
10	9.0	402.5	334.6	6.9	0.635
11	10.0	440.9	373.0	7.5	0.598
12	12.0	512.5	444.5	8.6	0.541
13	14.0	577.9	510.0	9.5	0.495
14	16.0	646.8	578.9	10.4	0.456
15	18.0	709.7	641.8	11.2	0.424
16	20.0	773.1	705.2	12.0	0.396
17	22.0	829.6	761.7	12.6	0.372
18	24.0	888.2	820.2	13.3	0.350
19	26.0	942.5	874.6	13.9	0.331
20	28.0	992.9	925.0	14.4	0.314
21	30.0	1043.0	975.1	14.9	0.299
22	35.0	1158.0	1090.1	16.1	0.267
23	40.0	1261.3	1193.4	17.1	0.241
24	45.0	1351.3	1283.4	17.9	0.220
25	50.0	1435.8	1367.9	18.6	0.203
26	55.0	1514.6	1446.7	19.3	0.188
D 27	60.4	1591.7	1523.8	19.9	0.174
SECOND FLOW					
E 1	0.0	74.2			
2	10.0	90.4	16.2		
3	20.0	91.6	1.2		
4	30.0	92.4	0.8		
5	40.0	93.3	0.9		
6	50.0	95.3	2.0		
F 7	59.5	94.4	-0.9		

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND CLOSED-IN					
F 1	0.0	94.4			
2	1.0	111.1	16.8	1.0	1.944
3	2.0	127.6	33.3	2.0	1.654
4	3.0	143.1	48.7	2.9	1.484
5	4.0	158.4	64.0	3.8	1.370
6	5.0	176.2	81.8	4.7	1.279
7	6.0	191.9	97.5	5.6	1.201
8	7.0	207.5	113.1	6.5	1.138
9	8.0	225.9	131.6	7.4	1.083
10	9.0	240.4	146.1	8.1	1.039
11	10.0	255.3	161.0	9.0	0.996
12	12.0	286.6	192.2	10.6	0.926
13	14.0	315.6	221.3	12.1	0.868
14	16.0	346.1	251.8	13.6	0.818
15	18.0	374.0	279.6	14.9	0.776
16	20.0	403.0	308.6	16.4	0.736
17	22.0	430.7	336.3	17.6	0.704
18	24.0	458.0	363.6	18.9	0.674
19	26.0	486.0	391.6	20.2	0.646
20	28.0	512.0	417.6	21.3	0.622
21	30.0	538.9	444.5	22.4	0.599
22	35.0	604.3	509.9	25.2	0.550
23	40.0	669.0	574.6	27.6	0.509
24	45.0	730.8	636.4	29.9	0.475
25	50.0	795.3	700.9	32.0	0.445
26	55.0	853.0	758.7	34.0	0.419
27	60.0	911.0	816.7	35.9	0.395
28	70.0	1014.5	920.1	39.2	0.357
29	80.0	1107.2	1012.8	42.2	0.325
30	90.0	1196.3	1101.9	44.8	0.299
31	100.0	1285.1	1190.8	47.1	0.277
32	110.0	1363.1	1268.7	49.3	0.258
G 33	120.4	1434.5	1340.1	51.2	0.241

REMARKS:

EQUIPMENT & HOLE DATA

FORMATION TESTED: MESA VERDE
 NET PAY (ft): 35.0
 GROSS TESTED FOOTAGE: 39.0
 ALL DEPTHS MEASURED FROM: KELLY BUSHING
 CASING PERFS. (ft):
 HOLE OR CASING SIZE (in): 8.750
 ELEVATION (ft): 5773.0 @ GROUND LEVEL
 TOTAL DEPTH (ft): 5425.0
 PACKER DEPTH(S) (ft): 5380, 5386
 FINAL SURFACE CHOKE (in):
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 9.10
 MUD VISCOSITY (sec): 36
 ESTIMATED HOLE TEMP. (°F):
 ACTUAL HOLE TEMP. (°F): 138 @ 5421.0 ft

TICKET NUMBER: 50907100

DATE: 9-11-87 TEST NO: 3

TYPE DST: OPEN HOLE

HALLIBURTON CAMP:
VERNAL

TESTER: RANDY RIPPLE

WITNESS: RON ZELLER

DRILLING CONTRACTOR:
WINROCK RIG #7FLUID PROPERTIES FOR
RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
MUD PIT	3.010 @ 68 °F	1090 ppm
TOP OF FLUID	3.120 @ 68 °F	1060 ppm
	@ °F	ppm
	@ °F	ppm
	@ °F	ppm
	@ °F	ppm

SAMPLER DATA

Psig AT SURFACE: 100.0
 cu.ft. OF GAS: 0.750
 cc OF OIL:
 cc OF WATER:
 cc OF MUD: TRACE
 TOTAL LIQUID cc:

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): @ °F
 GAS/OIL RATIO (cu.ft. per bbl):
 GAS GRAVITY:

CUSHION DATA

TYPE	AMOUNT	WEIGHT

RECOVERED:

126 FEET OF DRILLING MUD

MEASURED FROM
TESTER VALVE

REMARKS:

TICKET NO: 50907100

CLOCK NO: 4203 HOUR: 12

















GAUGE NO: 490

DEPTH: 5365.0

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	39.6			
2	5.0	43.6	4.0		
3	10.0	45.6	2.0		
4	15.0	47.5	1.9		
5	20.0	49.8	2.3		
6	25.0	51.1	1.3		
C 7	29.7	51.5	0.4		
FIRST CLOSED-IN					
C 1	0.0	51.5			
2	1.0	95.3	43.7	1.0	1.488
3	2.0	135.5	84.0	1.9	1.198
4	3.0	173.5	122.0	2.7	1.040
5	4.0	214.9	163.3	3.5	0.929
6	5.0	254.1	202.6	4.3	0.841
7	6.0	291.9	240.4	5.0	0.774
8	7.0	334.1	282.6	5.7	0.718
9	8.0	371.1	319.6	6.3	0.672
10	9.0	404.9	353.4	6.9	0.636
11	10.0	442.9	391.4	7.5	0.599
12	12.0	509.1	457.6	8.5	0.542
13	14.0	579.6	528.1	9.5	0.494
14	16.0	643.5	592.0	10.4	0.455
15	18.0	703.9	652.4	11.2	0.424
16	20.0	762.7	711.2	12.0	0.396
17	22.0	819.7	768.2	12.7	0.371
18	24.0	874.7	823.2	13.3	0.350
19	26.0	926.4	874.9	13.9	0.331
20	28.0	977.1	925.6	14.4	0.315
21	30.0	1027.6	976.1	14.9	0.299
22	35.0	1143.2	1091.7	16.1	0.267
23	40.0	1247.6	1196.1	17.1	0.241
24	45.0	1339.3	1287.8	17.9	0.220
25	50.0	1424.0	1372.5	18.6	0.203
26	55.0	1500.3	1448.8	19.3	0.188
D 27	60.4	1575.3	1523.8	19.9	0.174
SECOND FLOW					
E 1	0.0	57.7			
2	10.0	80.3	22.5		
3	20.0	80.9	0.7		
4	30.0	81.7	0.8		
5	40.0	82.8	1.1		
6	50.0	83.1	0.3		
F 7	59.5	83.5	0.4		

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND CLOSED-IN					
F 1	0.0	83.5			
2	1.0	104.4	20.9	1.0	1.944
3	2.0	119.6	36.1	1.9	1.664
4	3.0	136.0	52.5	2.9	1.489
5	4.0	154.5	71.1	3.9	1.364
6	5.0	171.1	87.6	4.7	1.274
7	6.0	186.3	102.8	5.6	1.201
8	7.0	204.0	120.5	6.5	1.137
9	8.0	218.8	135.4	7.3	1.086
10	9.0	236.3	152.8	8.2	1.037
11	10.0	250.9	167.5	9.0	0.997
12	12.0	282.4	199.0	10.6	0.926
13	14.0	313.6	230.2	12.1	0.867
14	16.0	344.8	261.4	13.6	0.817
15	18.0	373.0	289.5	15.0	0.775
16	20.0	403.1	319.6	16.4	0.736
17	22.0	431.4	347.9	17.6	0.704
18	24.0	459.4	375.9	18.9	0.674
19	26.0	487.6	404.2	20.2	0.646
20	28.0	514.1	430.6	21.3	0.622
21	30.0	540.9	457.5	22.5	0.599
22	35.0	606.8	523.3	25.2	0.550
23	40.0	668.8	585.4	27.6	0.510
24	45.0	731.7	648.2	29.9	0.475
25	50.0	790.3	706.8	32.1	0.445
26	55.0	847.6	764.1	34.0	0.419
27	60.0	902.3	818.9	35.9	0.396
28	70.0	1006.6	923.1	39.2	0.357
29	80.0	1102.0	1018.5	42.2	0.325
30	90.0	1189.9	1106.5	44.8	0.299
31	100.0	1273.2	1189.8	47.1	0.277
32	110.0	1350.3	1266.8	49.3	0.258
G 33	120.4	1420.3	1336.9	51.2	0.241

REMARKS:

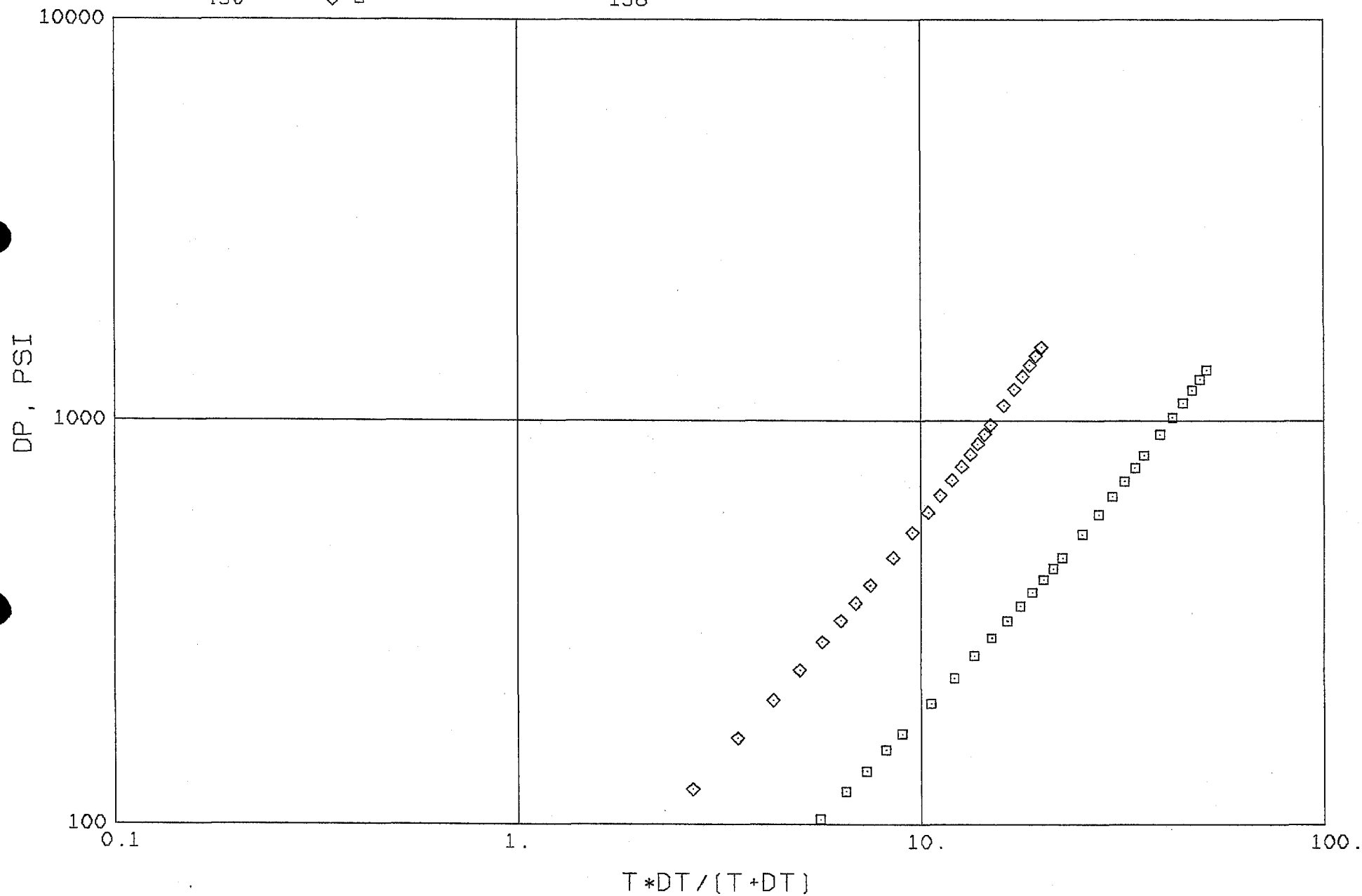
		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.000	3.340	4736.0	
3		DRILL COLLARS.....	6.000	2.250	522.0	
50		IMPACT REVERSING SUB.....	6.313	2.875	1.0	5258.0
3		DRILL COLLARS.....	6.000	2.250	93.0	
5		CROSSOVER.....	6.000	2.250	0.7	
13		DUAL CIP SAMPLER.....	5.000	0.750	6.9	
60		HYDROSPRING TESTER.....	5.000	0.750	5.0	5363.0
80		AP RUNNING CASE.....	5.000	2.250	4.1	5365.0
15		JAR.....	5.000	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	2.8	
70		OPEN HOLE PACKER.....	7.750	1.530	5.8	5380.0
70		OPEN HOLE PACKER.....	7.750	1.530	5.8	5386.0
20		FLUSH JOINT ANCHOR.....	5.750	3.500	33.0	
81		BLANKED-OFF RUNNING CASE.....	5.750		4.1	5422.0
TOTAL DEPTH					5425.0	

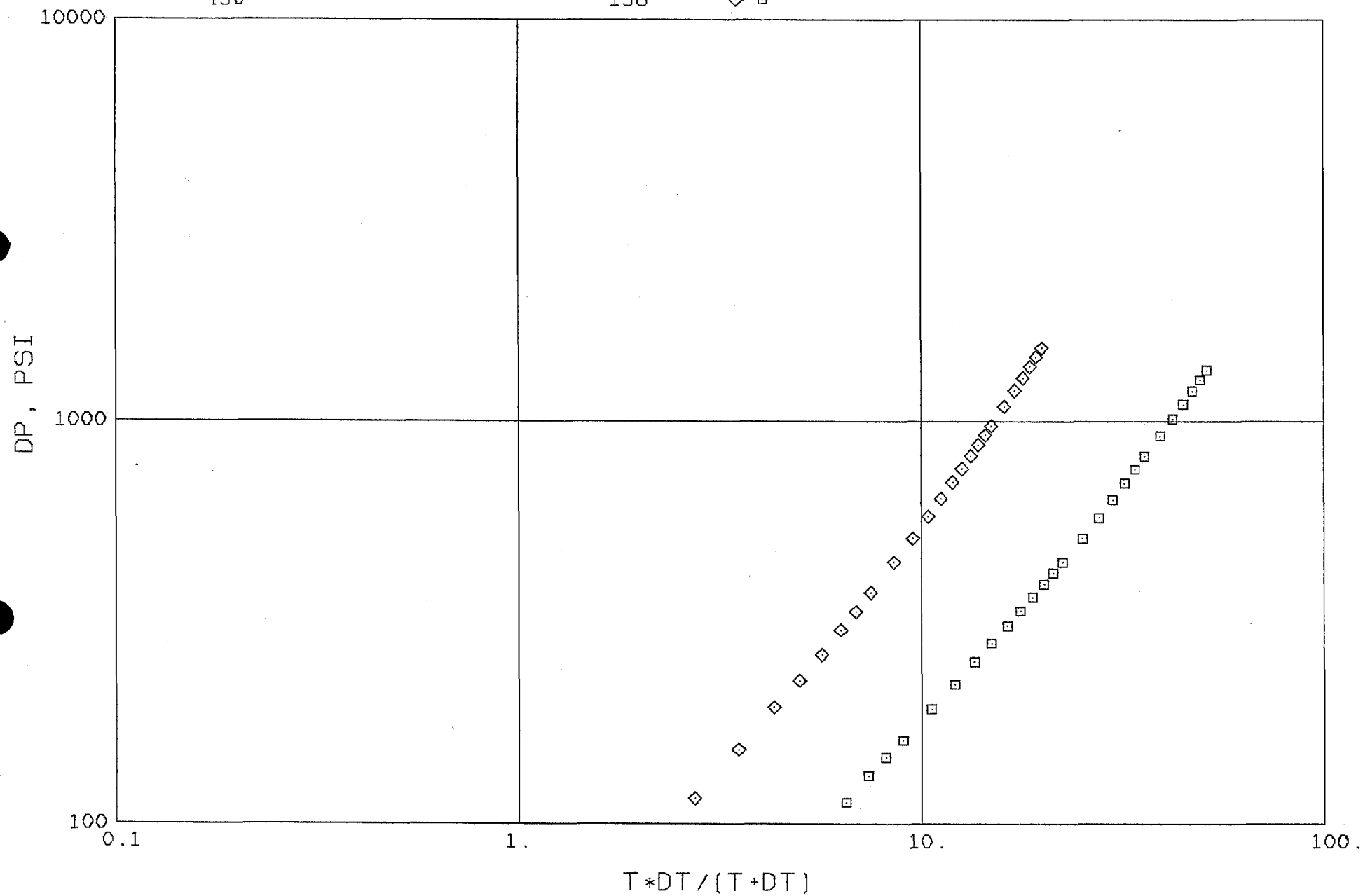
EQUIPMENT DATA

TICKET NO 50907100

GAUGE NO CIP 1 2
490 ◇ □

GAUGE NO CIP 1 2
198

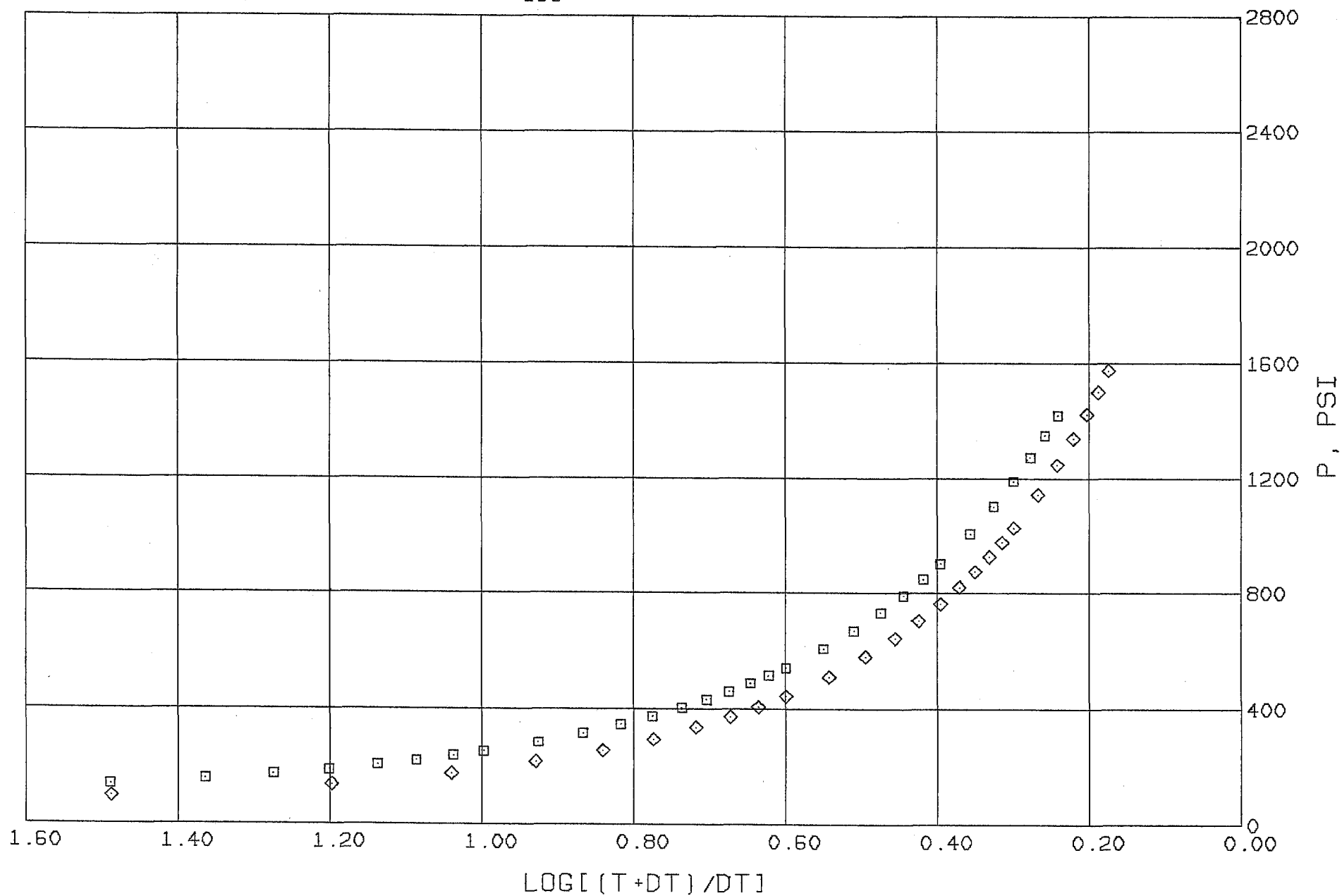


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TICKET NO 50907100

GAUGE NO CIP 1 2
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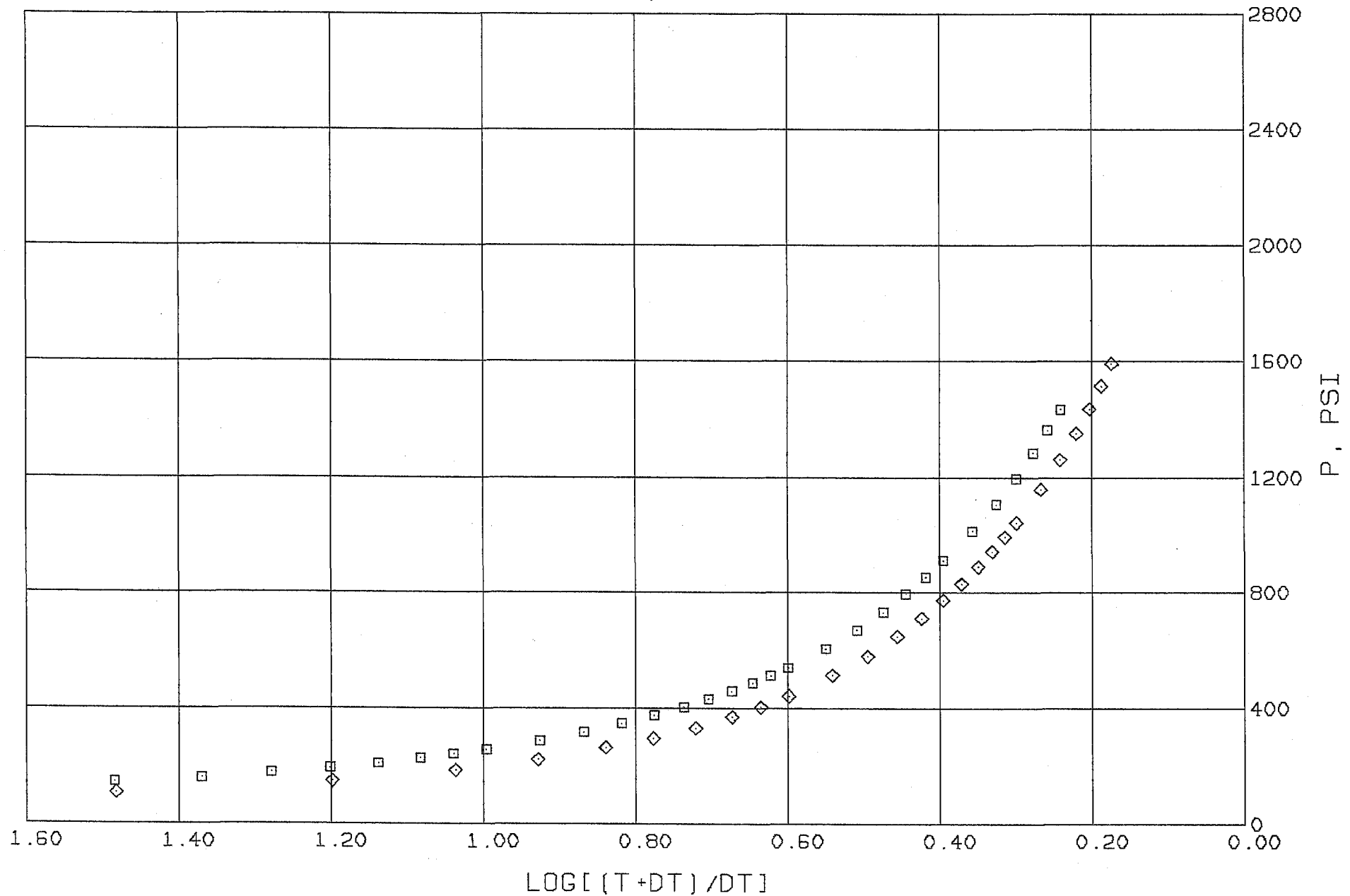
GAUGE NO CIP 1 2
198



TICKET NO 50907100

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HALLIBURTON SERVICES

TICKET NO. 50907000

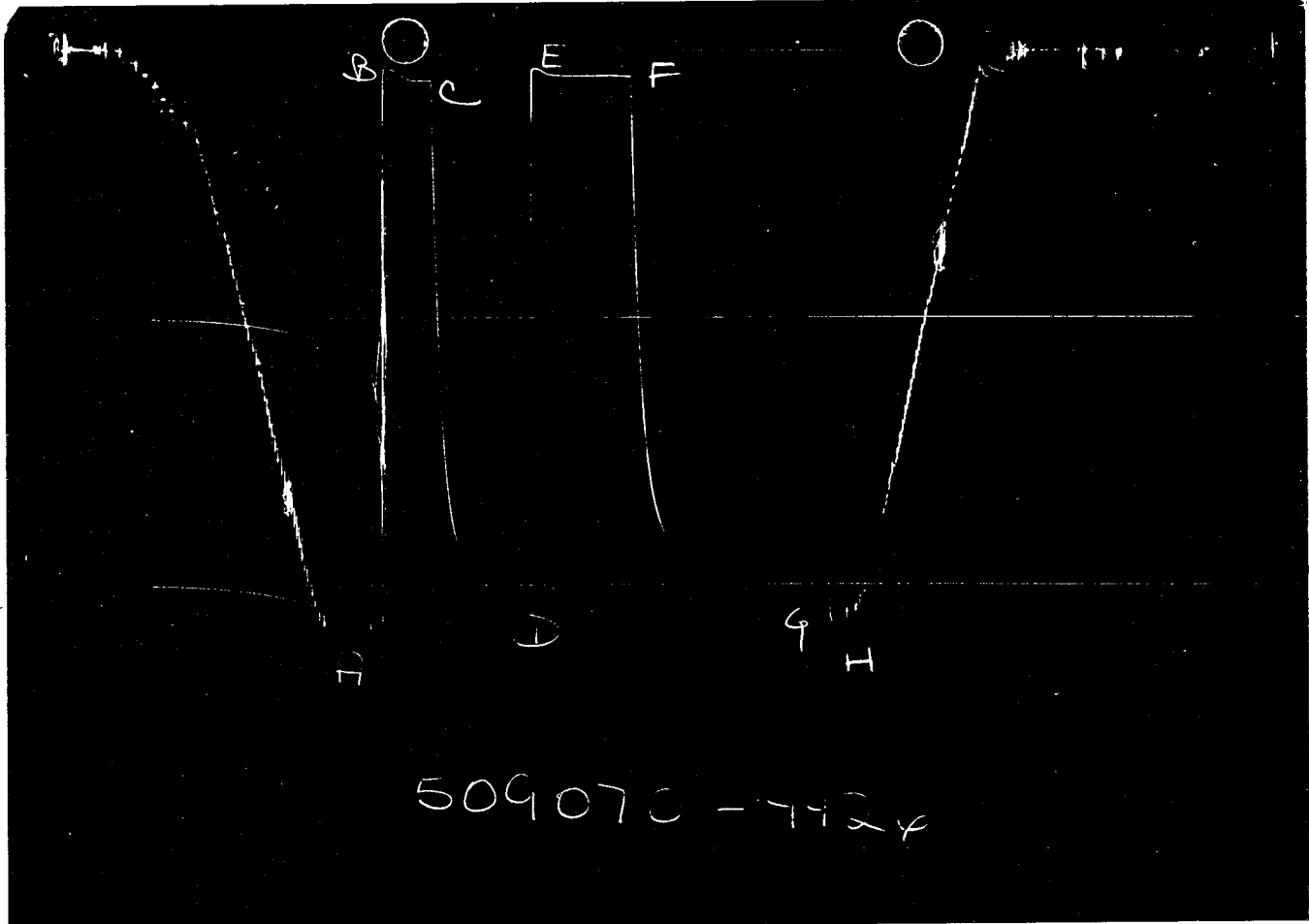
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VERNAL

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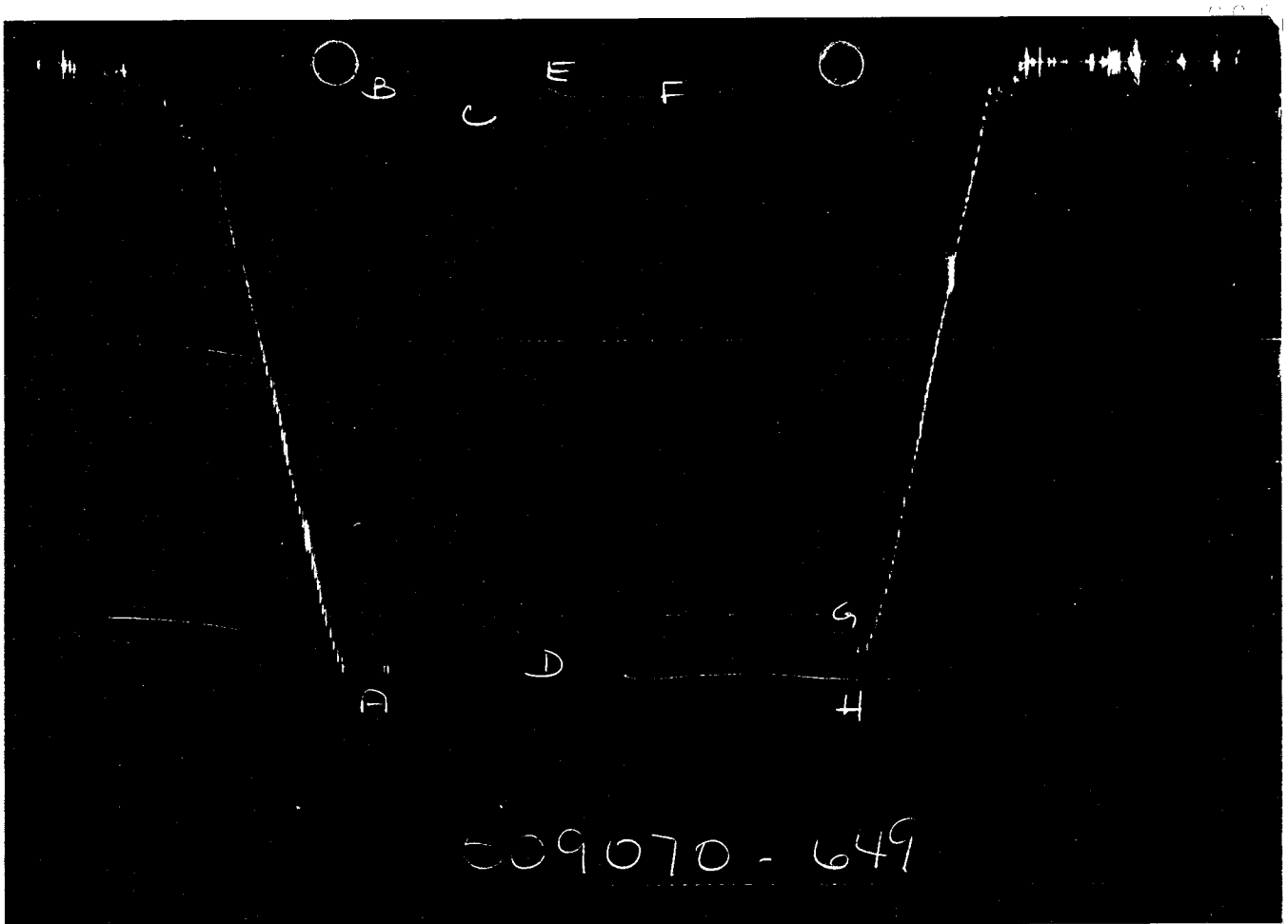
FORMATION TESTING SERVICE REPORT

ROCK HOUSE	44-14	2	4440.0 - 4495.0	MRXUS EXPLORATION COMPANY
LEASE NAME	WELL NO.	TEST NO.	TESTED INTERVAL	LEASE OWNER/COMPANY NAME
LEGAL LOCATION SEC. 14 - 11 S - 23 E	FIELD AREA	ROCK HOUSE	COUNTY	UTAH
STATE	UTAH	PF		



GAUGE NO: 4426 DEPTH: 4419.0 BLANKED OFF: NO HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2141	2153.0			
B	INITIAL FIRST FLOW	56	61.9			
C	FINAL FIRST FLOW	111	114.0	30.0	28.5	F
C	INITIAL FIRST CLOSED-IN	111	114.0			
D	FINAL FIRST CLOSED-IN	2066	2065.5	60.0	60.6	C
E	INITIAL SECOND FLOW	65	68.4			
F	FINAL SECOND FLOW	93	97.0	60.0	60.3	F
F	INITIAL SECOND CLOSED-IN	93	97.0			
G	FINAL SECOND CLOSED-IN	2038	2045.9	120.0	120.6	C
H	FINAL HYDROSTATIC	2132	2131.0			



GAUGE NO: 649 DEPTH: 4492.0 BLANKED OFF: YES HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2186	2189.8			
B	INITIAL FIRST FLOW	80	81.5			
C	FINAL FIRST FLOW	124	137.4	30.0	28.5	F
C	INITIAL FIRST CLOSED-IN	124	137.4			
D	FINAL FIRST CLOSED-IN	2078	2090.5	60.0	60.6	C
E	INITIAL SECOND FLOW	80	88.9			
F	FINAL SECOND FLOW	124	120.2	60.0	60.3	F
F	INITIAL SECOND CLOSED-IN	124	120.2			
G	FINAL SECOND CLOSED-IN	2061	2070.7	120.0	120.6	C
H	FINAL HYDROSTATIC	2168	2169.3			

EQUIPMENT & HOLE DATA

FORMATION TESTED: FORT UNION
 NET PAY (ft): 27.0
 GROSS TESTED FOOTAGE: 55.0
 ALL DEPTHS MEASURED FROM: KB
 CASING PERFS. (ft):
 HOLE OR CASING SIZE (in): 8.750
 ELEVATION (ft): 5773.0 G.L.
 TOTAL DEPTH (ft): 4495.0
 PACKER DEPTH(S) (ft): 4434, 4440
 FINAL SURFACE CHOKE (in): 0.25000
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 9.10
 MUD VISCOSITY (sec): 40
 ESTIMATED HOLE TEMP. (°F):
 ACTUAL HOLE TEMP. (°F): 125 @ 4491.0 ft

TICKET NUMBER: 50907000

DATE: 9-7-87 TEST NO: 2

TYPE DST: OPEN HOLE

HALLIBURTON CAMP:
 VERNAL

TESTER: RANDY RIPPLE

WITNESS: RON ZELLER

DRILLING CONTRACTOR:
 WIN-ROCK 7

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
MUD PIT	3.600 @ 68 °F	939 ppm
TOP OF FLUID	2.700 @ 68 °F	909 ppm
BOTTOM OF FLUID	2.700 @ 68 °F	909 ppm
SAMPLER	2.200 @ 68 °F	1575 ppm
	@ °F	ppm
	@ °F	ppm

SAMPLER DATA

Psig AT SURFACE: 110.0
 cu.ft. OF GAS: 0.560
 cc OF OIL:
 cc OF WATER:
 cc OF MUD: 700.0
 TOTAL LIQUID cc: 700.0

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): @ °F
 GAS/OIL RATIO (cu.ft. per bbl):
 GAS GRAVITY:

CUSHION DATA

TYPE AMOUNT WEIGHT

RECOVERED:

114 FEET OF DRILLING MUD

MEASURED FROM
 TESTER VALVE

REMARKS:

NOTE: TESTING 3 DIFFERENT SANDS WITHIN THE SAME TESTED INTERVAL.....

TICKET NO: 50907000

GAUGE NO: 4426

CLOCK NO: 4203 HOUR: 12

DEPTH: 4419.0



REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	61.9			
2	5.0	72.0	10.0		
3	10.0	91.3	19.3		
4	15.0	109.5	18.3		
5	20.0	114.0	4.5		
6	25.0	114.0	0.0		
C 7	28.5	114.0	0.0		
FIRST CLOSED-IN					
C 1	0.0	114.0			
2	1.0	396.0	282.0	0.9	1.488
3	2.0	652.6	538.7	1.9	1.185
4	3.0	842.1	728.1	2.7	1.026
5	4.0	1024.3	910.3	3.5	0.907
6	5.0	1168.1	1054.1	4.3	0.825
7	6.0	1291.7	1177.7	5.0	0.760
8	7.0	1399.8	1285.8	5.6	0.705
9	8.0	1485.6	1371.6	6.3	0.659
10	9.0	1560.4	1446.4	6.8	0.620
11	10.0	1624.9	1511.0	7.4	0.585
12	12.0	1718.3	1604.4	8.4	0.529
13	14.0	1791.3	1677.3	9.4	0.482
14	16.0	1841.5	1727.5	10.2	0.445
15	18.0	1881.3	1767.3	11.0	0.412
16	20.0	1909.9	1795.9	11.7	0.385
17	22.0	1933.3	1819.3	12.4	0.361
18	24.0	1951.8	1837.8	13.0	0.340
19	26.0	1966.8	1852.8	13.6	0.322
20	28.0	1979.8	1865.8	14.1	0.305
21	30.0	1990.6	1876.6	14.6	0.290
22	35.0	2012.6	1898.7	15.7	0.259
23	40.0	2028.3	1914.3	16.6	0.234
24	45.0	2040.9	1926.9	17.4	0.213
25	50.0	2049.8	1935.8	18.2	0.196
26	55.0	2058.3	1944.3	18.8	0.181
D 27	60.6	2065.5	1951.5	19.4	0.168
SECOND FLOW					
E 1	0.0	68.4			
2	10.0	89.1	20.7		
3	20.0	94.9	5.8		
4	30.0	94.9	0.0		
5	40.0	94.9	0.0		
6	50.0	94.9	0.0		
F 7	60.3	97.0	2.1		

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND CLOSED-IN					
F 1	0.0	97.0			
2	1.0	359.9	262.9	1.0	1.956
3	2.0	571.1	474.0	1.9	1.663
4	3.0	769.1	672.0	2.9	1.486
5	4.0	937.8	840.8	3.9	1.362
6	5.0	1075.9	978.9	4.7	1.272
7	6.0	1186.1	1089.1	5.6	1.201
8	7.0	1286.4	1189.4	6.5	1.135
9	8.0	1370.7	1273.7	7.4	1.082
10	9.0	1446.6	1349.6	8.2	1.035
11	10.0	1501.6	1404.5	9.0	0.997
12	12.0	1597.9	1500.8	10.6	0.924
13	14.0	1670.6	1573.5	12.1	0.865
14	16.0	1722.8	1625.8	13.5	0.817
15	18.0	1763.7	1666.6	15.0	0.773
16	20.0	1796.6	1699.6	16.4	0.735
17	22.0	1821.8	1724.8	17.6	0.703
18	24.0	1843.0	1746.0	18.9	0.672
19	26.0	1860.4	1763.3	20.1	0.646
20	28.0	1875.8	1778.8	21.3	0.620
21	30.0	1889.6	1792.5	22.5	0.597
22	35.0	1916.1	1819.0	25.1	0.549
23	40.0	1937.2	1840.2	27.6	0.508
24	45.0	1953.4	1856.3	29.9	0.473
25	50.0	1966.3	1869.2	32.0	0.444
26	55.0	1978.1	1881.1	34.0	0.417
27	60.0	1987.8	1890.8	35.8	0.395
28	70.0	2003.9	1906.9	39.2	0.356
29	80.0	2014.9	1917.9	42.1	0.324
30	90.0	2025.3	1928.3	44.7	0.298
31	100.0	2033.3	1936.3	47.0	0.276
32	110.0	2040.5	1943.4	49.2	0.257
G 33	120.6	2045.9	1948.9	51.2	0.240

REMARKS:

TICKET NO: 50907000

CLOCK NO: 2418 HOUR: 12





















GAUGE NO: 649

DEPTH: 4492.0

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	81.5			
2	5.0	95.2	13.7		
3	10.0	114.5	19.3		
4	15.0	133.2	18.6		
5	20.0	137.9	4.8		
6	25.0	137.9	0.0		
C 7	28.5	137.4	-0.5		
FIRST CLOSED-IN					
C 1	0.0	137.4			
2	1.0	421.3	283.9	0.9	1.481
3	2.0	631.9	494.5	1.9	1.179
4	3.0	818.6	581.2	2.7	1.022
5	4.0	998.9	861.5	3.5	0.912
6	5.0	1154.6	1017.2	4.2	0.827
7	6.0	1274.6	1137.2	4.9	0.762
8	7.0	1393.7	1256.3	5.6	0.703
9	8.0	1478.0	1340.6	6.2	0.659
10	9.0	1552.5	1415.1	6.8	0.620
11	10.0	1618.6	1481.2	7.4	0.586
12	12.0	1721.8	1584.3	8.4	0.529
13	14.0	1796.3	1658.9	9.4	0.483
14	16.0	1852.6	1715.2	10.3	0.444
15	18.0	1893.7	1756.3	11.0	0.412
16	20.0	1925.9	1788.5	11.8	0.384
17	22.0	1950.6	1813.2	12.4	0.361
18	24.0	1971.4	1834.0	13.0	0.340
19	26.0	1987.8	1850.4	13.6	0.321
20	28.0	2000.0	1862.6	14.1	0.305
21	30.0	2012.1	1874.6	14.6	0.290
22	35.0	2035.8	1898.4	15.7	0.259
23	40.0	2052.5	1915.1	16.6	0.234
24	45.0	2065.4	1928.0	17.5	0.213
25	50.0	2076.0	1938.6	18.2	0.196
26	55.0	2084.6	1947.2	18.8	0.181
D 27	60.6	2090.5	1953.1	19.4	0.168
SECOND FLOW					
E 1	0.0	88.9			
2	10.0	111.6	22.6		
3	20.0	117.1	5.5		
4	30.0	117.1	0.0		
5	40.0	116.5	-0.5		
6	50.0	116.5	0.0		
F 7	60.3	120.2	3.6		

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND CLOSED-IN					
F 1	0.0	120.2			
2	1.0	386.9	266.7	1.0	1.952
3	2.0	587.2	467.0	2.0	1.653
4	3.0	752.2	632.1	2.9	1.482
5	4.0	911.6	791.4	3.8	1.364
6	5.0	1064.8	944.6	4.8	1.270
7	6.0	1171.0	1050.8	5.6	1.198
8	7.0	1268.8	1148.6	6.5	1.137
9	8.0	1355.3	1235.1	7.3	1.085
10	9.0	1432.9	1312.8	8.2	1.036
11	10.0	1496.6	1376.5	9.0	0.995
12	12.0	1601.1	1480.9	10.6	0.924
13	14.0	1681.3	1561.1	12.1	0.865
14	16.0	1739.7	1619.5	13.6	0.816
15	18.0	1782.7	1662.6	15.0	0.773
16	20.0	1817.4	1697.2	16.3	0.736
17	22.0	1844.5	1724.4	17.6	0.703
18	24.0	1866.9	1746.7	18.9	0.673
19	26.0	1886.5	1766.4	20.1	0.645
20	28.0	1902.0	1781.8	21.3	0.621
21	30.0	1916.4	1796.2	22.4	0.598
22	35.0	1942.5	1822.4	25.1	0.549
23	40.0	1962.4	1842.3	27.6	0.508
24	45.0	1978.4	1858.3	29.9	0.473
25	50.0	1991.0	1870.9	32.0	0.443
26	55.0	2002.2	1882.0	34.0	0.418
27	60.0	2011.6	1891.4	35.8	0.395
28	70.0	2027.7	1907.6	39.1	0.356
29	80.0	2040.4	1920.2	42.1	0.324
30	90.0	2049.2	1929.1	44.7	0.298
31	100.0	2057.7	1937.5	47.0	0.276
32	110.0	2064.4	1944.2	49.2	0.257
G 33	120.6	2070.7	1950.5	51.2	0.240

REMARKS:

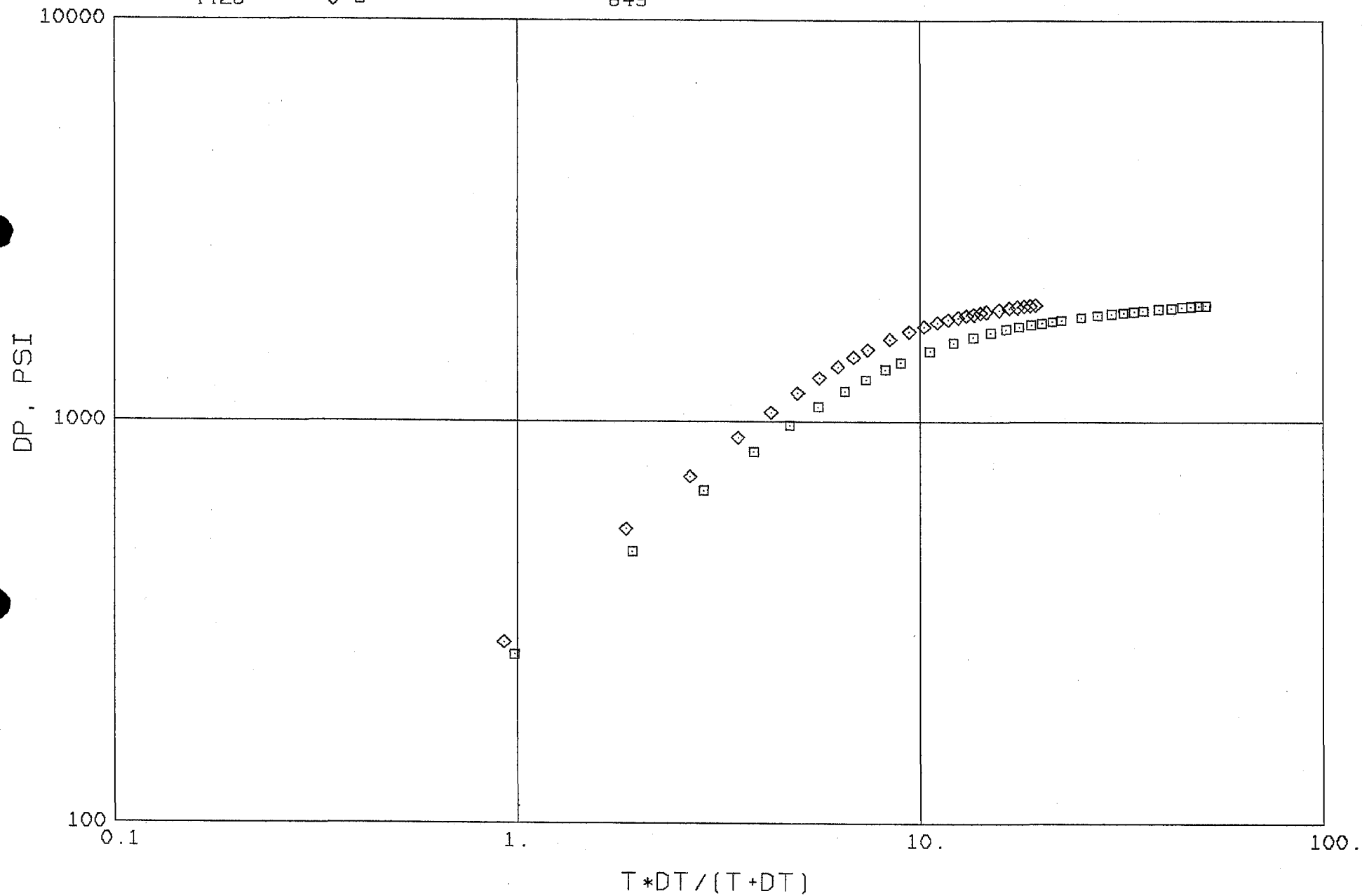
		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.000	3.340	3846.0	
3		DRILL COLLARS.....	6.000	2.250	491.8	
50		IMPACT REVERSING SUB.....	6.313	2.875	1.0	4311.0
3		DRILL COLLARS.....	6.000	2.250	93.1	
5		CROSSOVER.....	6.000	2.250	0.7	
13		DUAL CIP SAMPLER.....	5.000	0.750	6.9	
60		HYDROSPRING TESTER.....	5.000	0.750	5.0	4417.0
80		AP RUNNING CASE.....	5.000	2.250	4.1	4419.0
15		JAR.....	5.000	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	2.8	
70		OPEN HOLE PACKER.....	7.750	1.530	5.8	4434.0
70		OPEN HOLE PACKER.....	7.750	1.530	5.8	4440.0
20		FLUSH JOINT ANCHOR.....	5.750	3.500	13.0	
5		CROSSOVER.....	6.000	2.688	0.8	
3		DRILL COLLARS.....	6.000	2.250	33.1	
5		CROSSOVER.....	5.375	2.625	0.8	
20		FLUSH JOINT ANCHOR.....	5.750	3.500	2.0	
81		BLANKED-OFF RUNNING CASE.....	5.750		4.1	4492.0
TOTAL DEPTH					4495.0	

EQUIPMENT DATA

TICKET NO 50907000

GAUGE NO CIP 1 2
4426 ◇ □

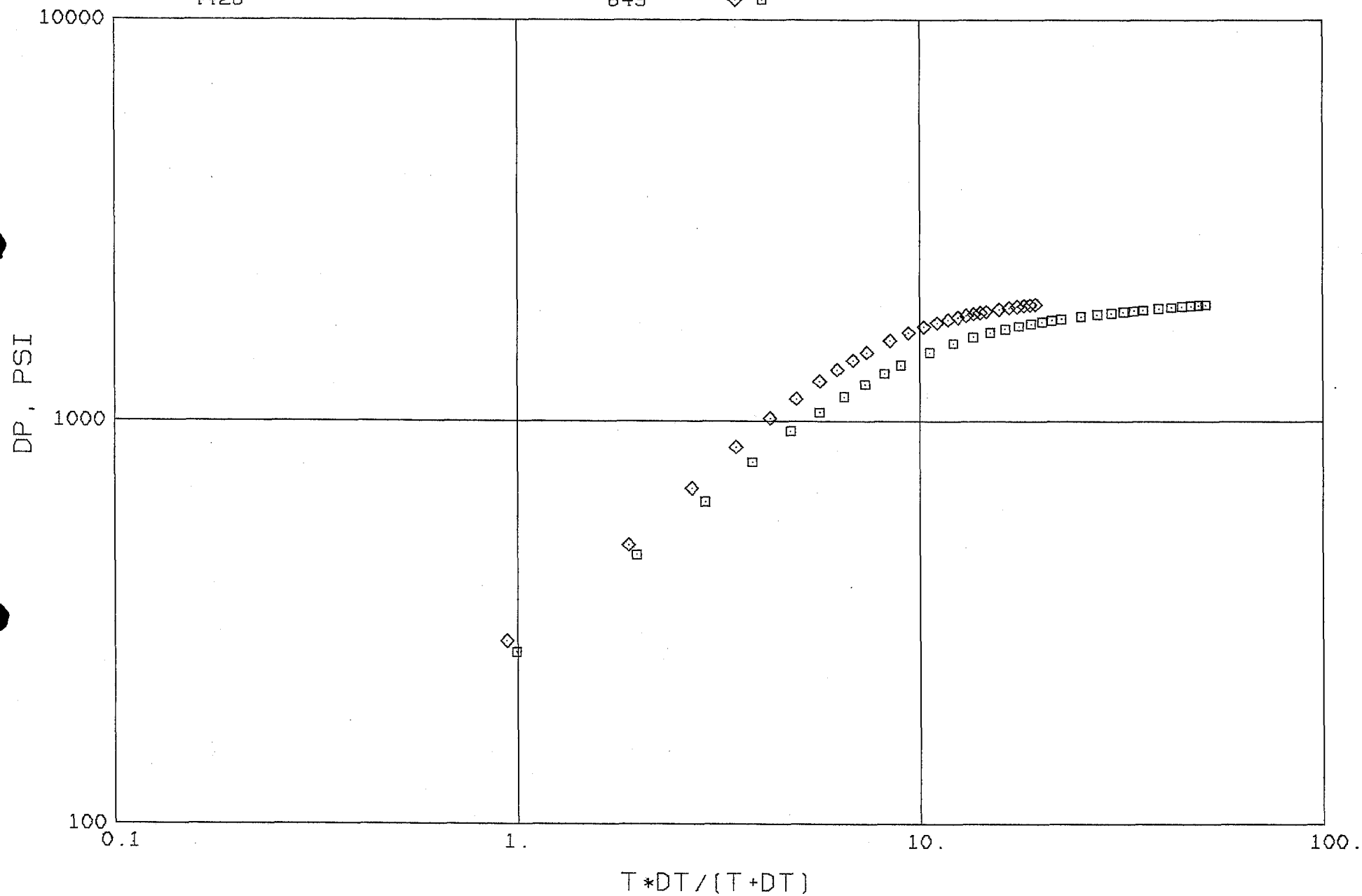
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649 ◇ □



TICKET NO 50907000

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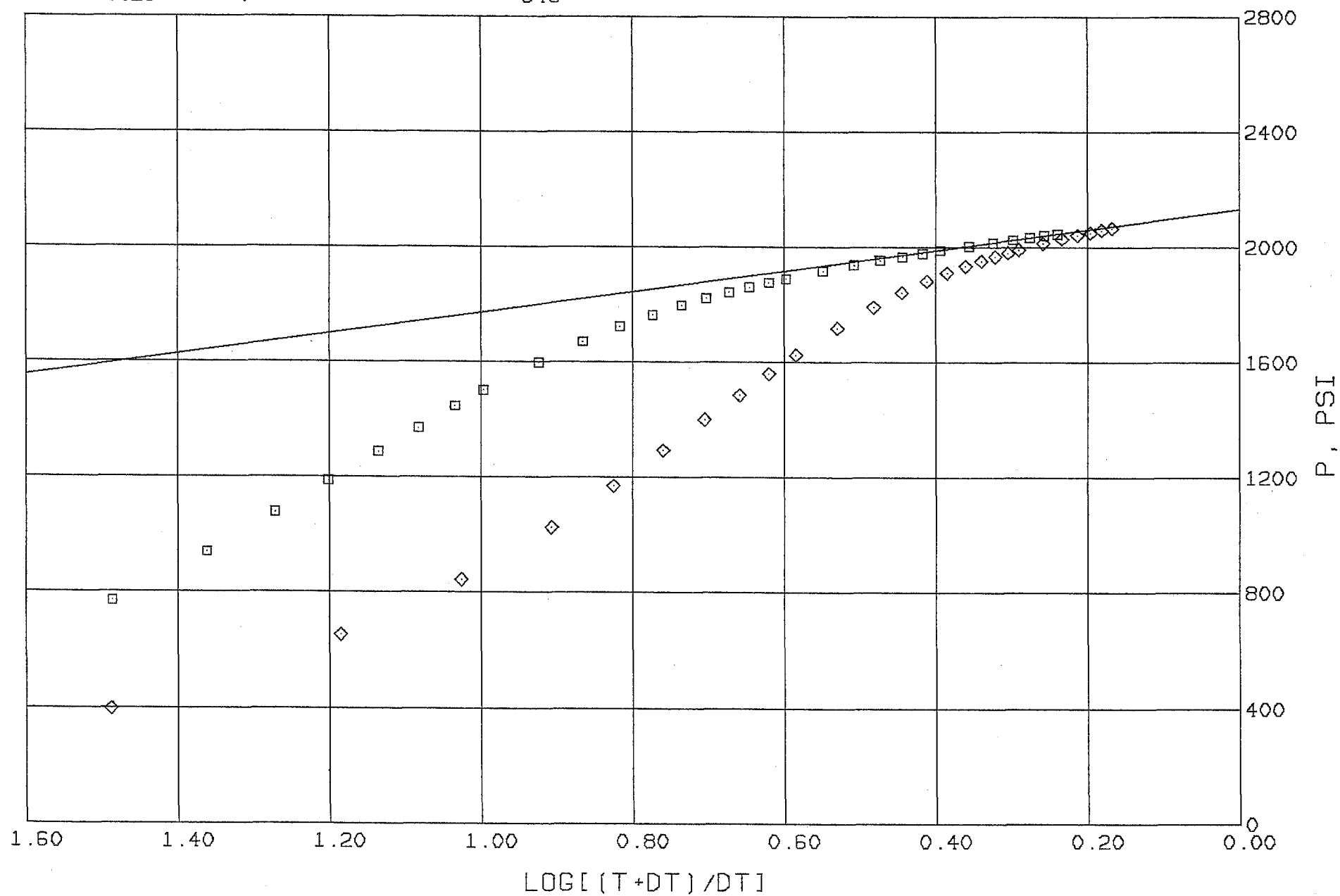
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TICKET NO 50907000

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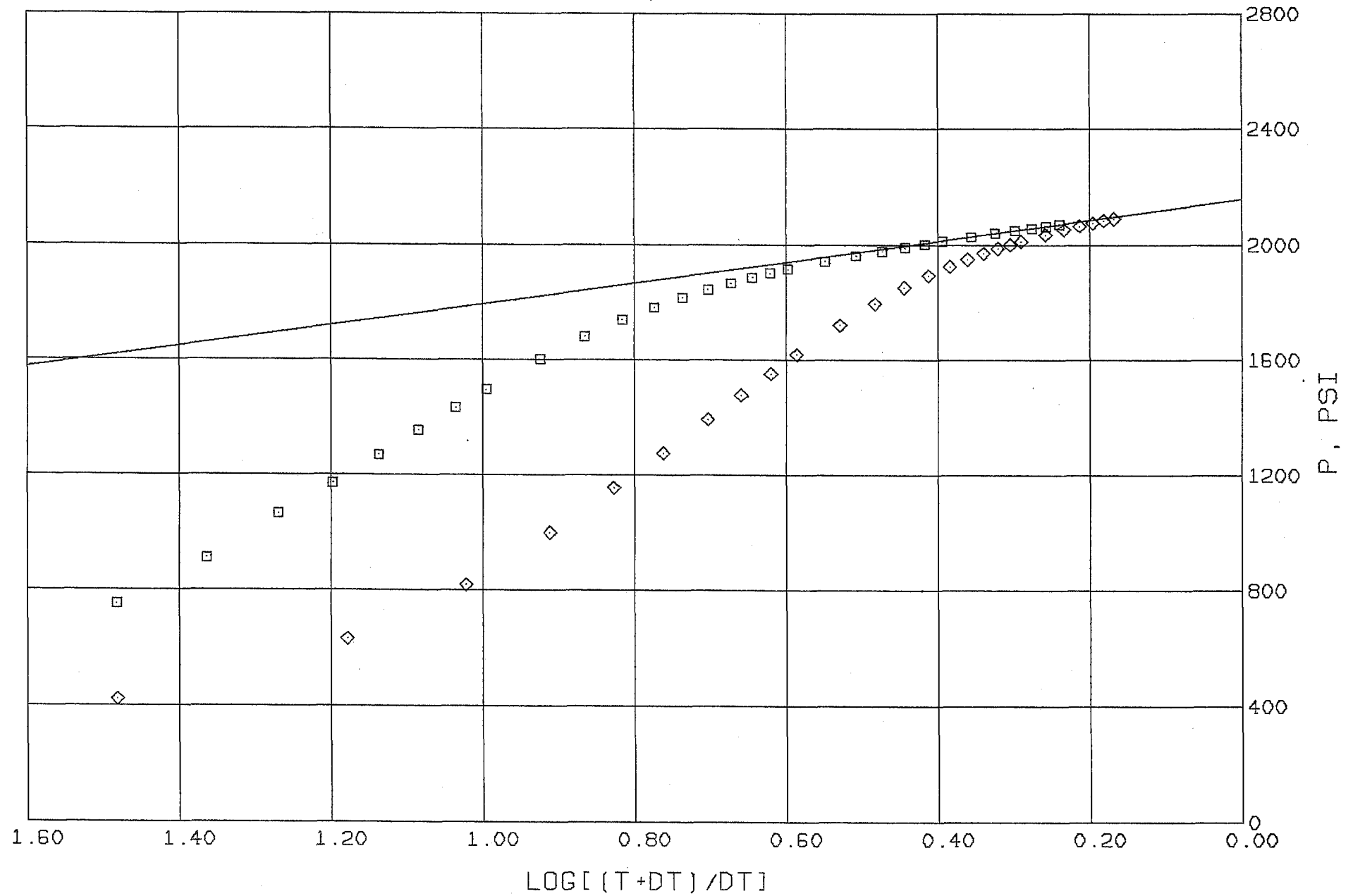
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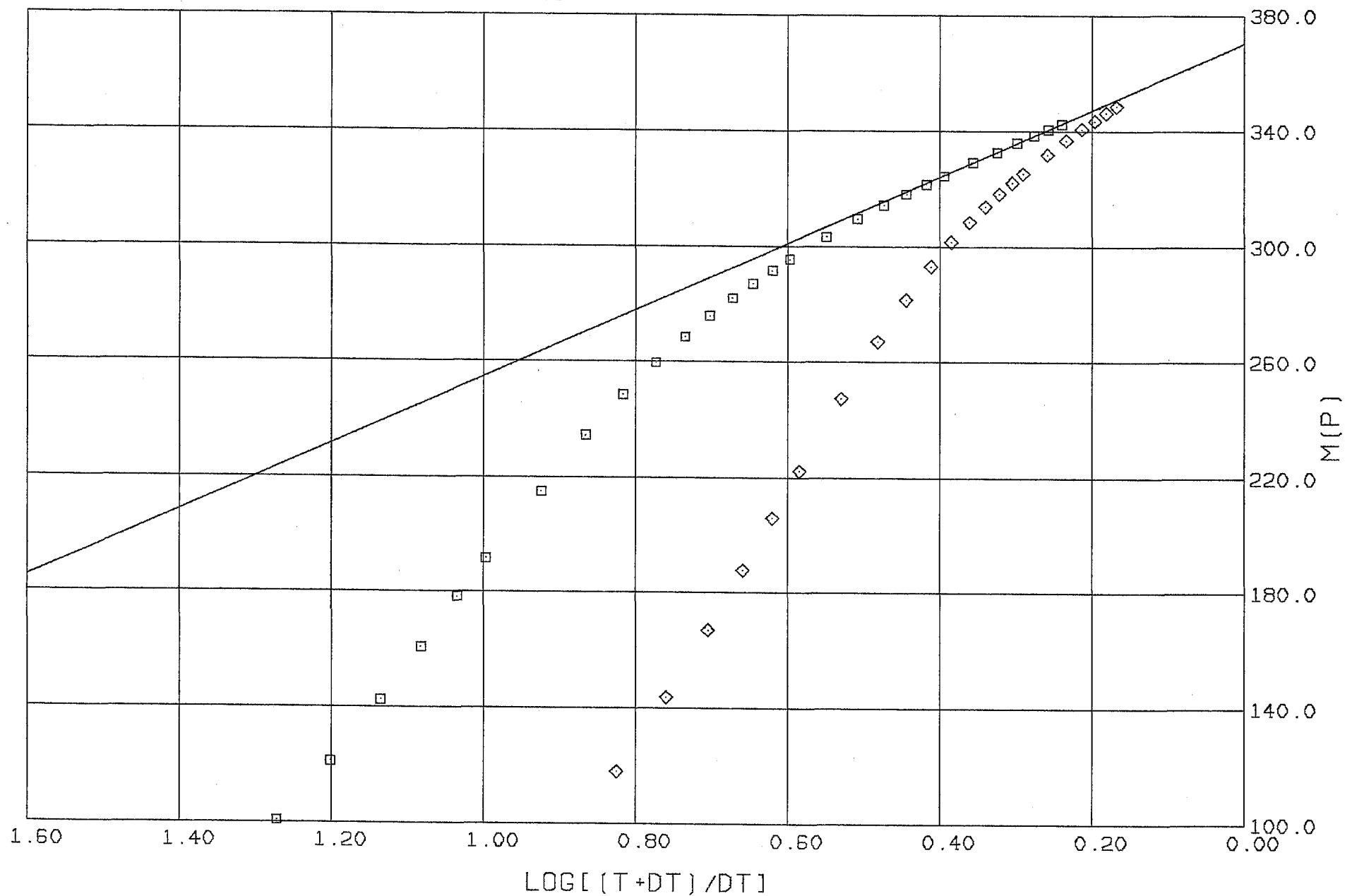
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649 \diamond \square



GAUGE NO CIP 1 2
4426 ◇ □

GAUGE NO CIP 1 2
649 ◇ □

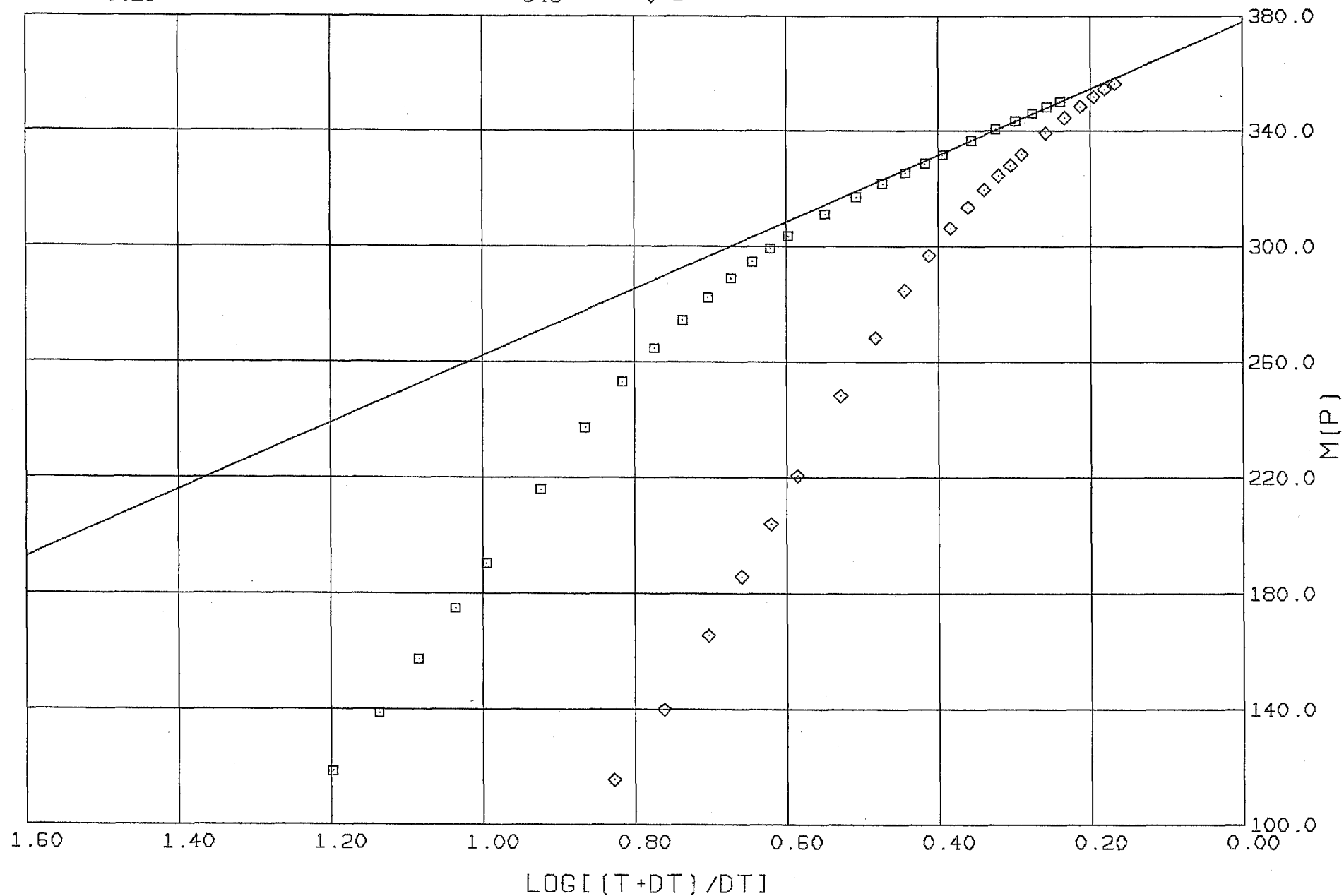
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649 \diamond \square

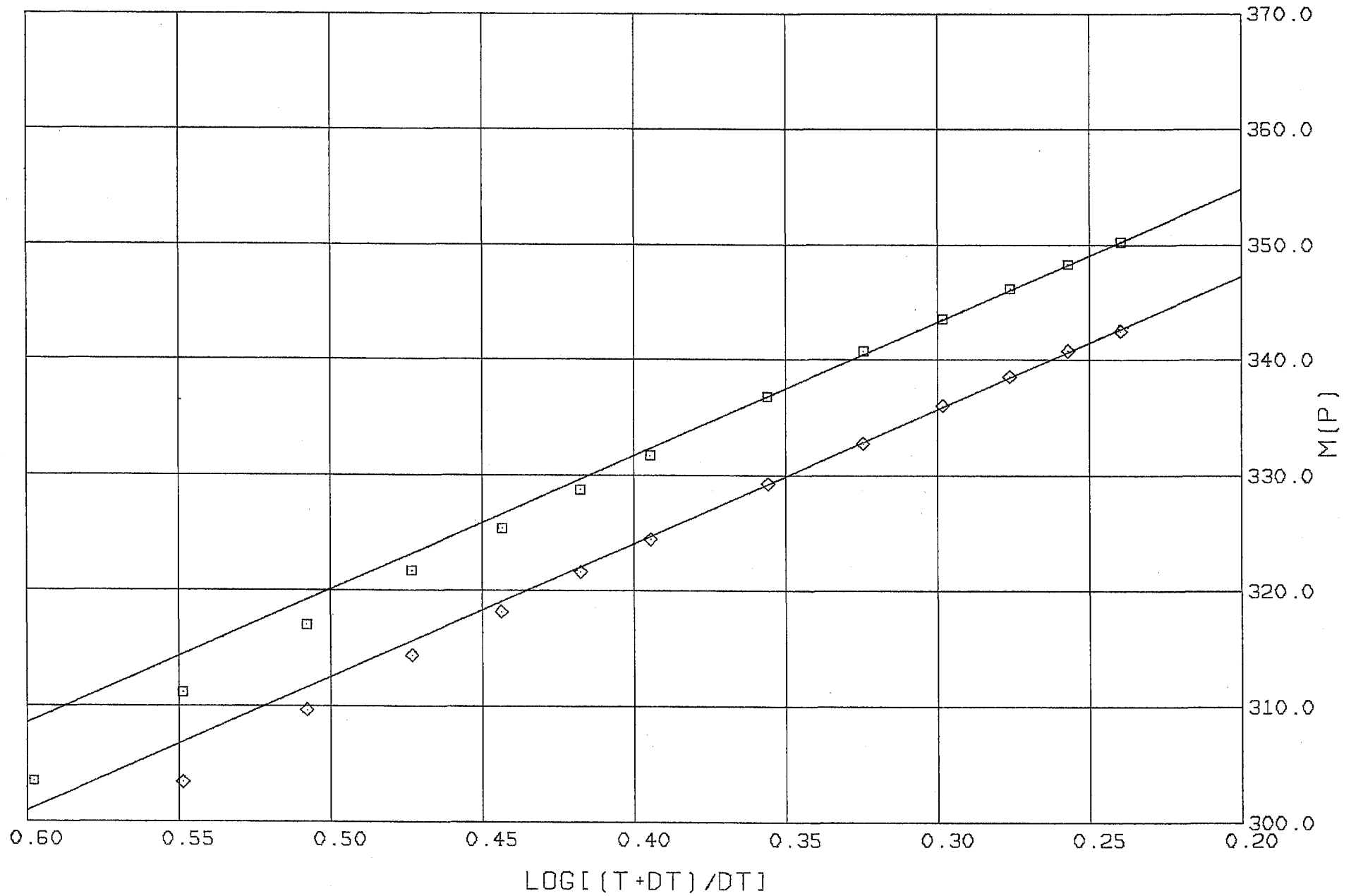
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TICKET NO 50907000

GAUGE NO CIP 1 2
4426 ◇

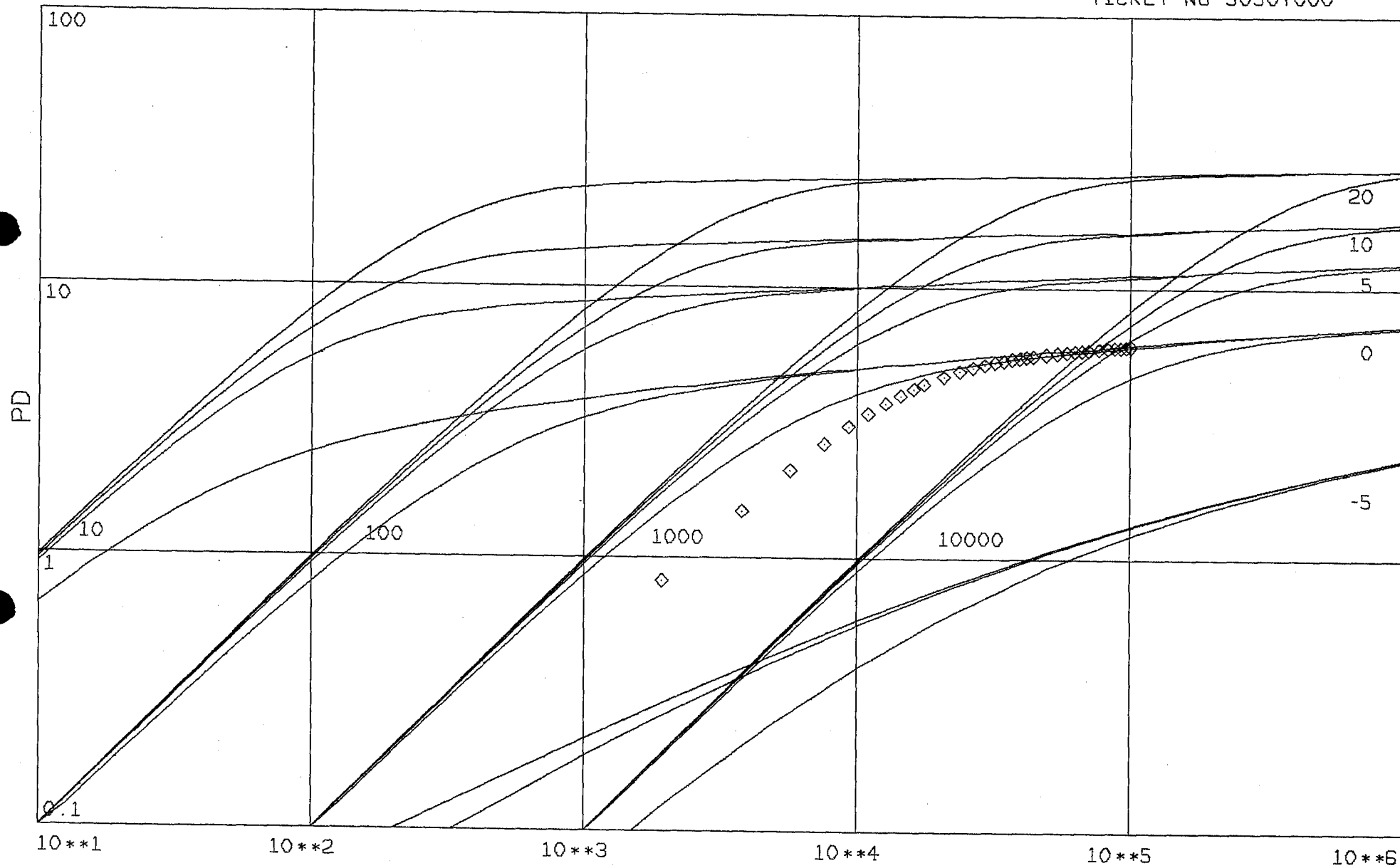
GAUGE NO CIP 1 2
649 □



GAUGE NO 4426

CIP 2

TICKET NO 50907000

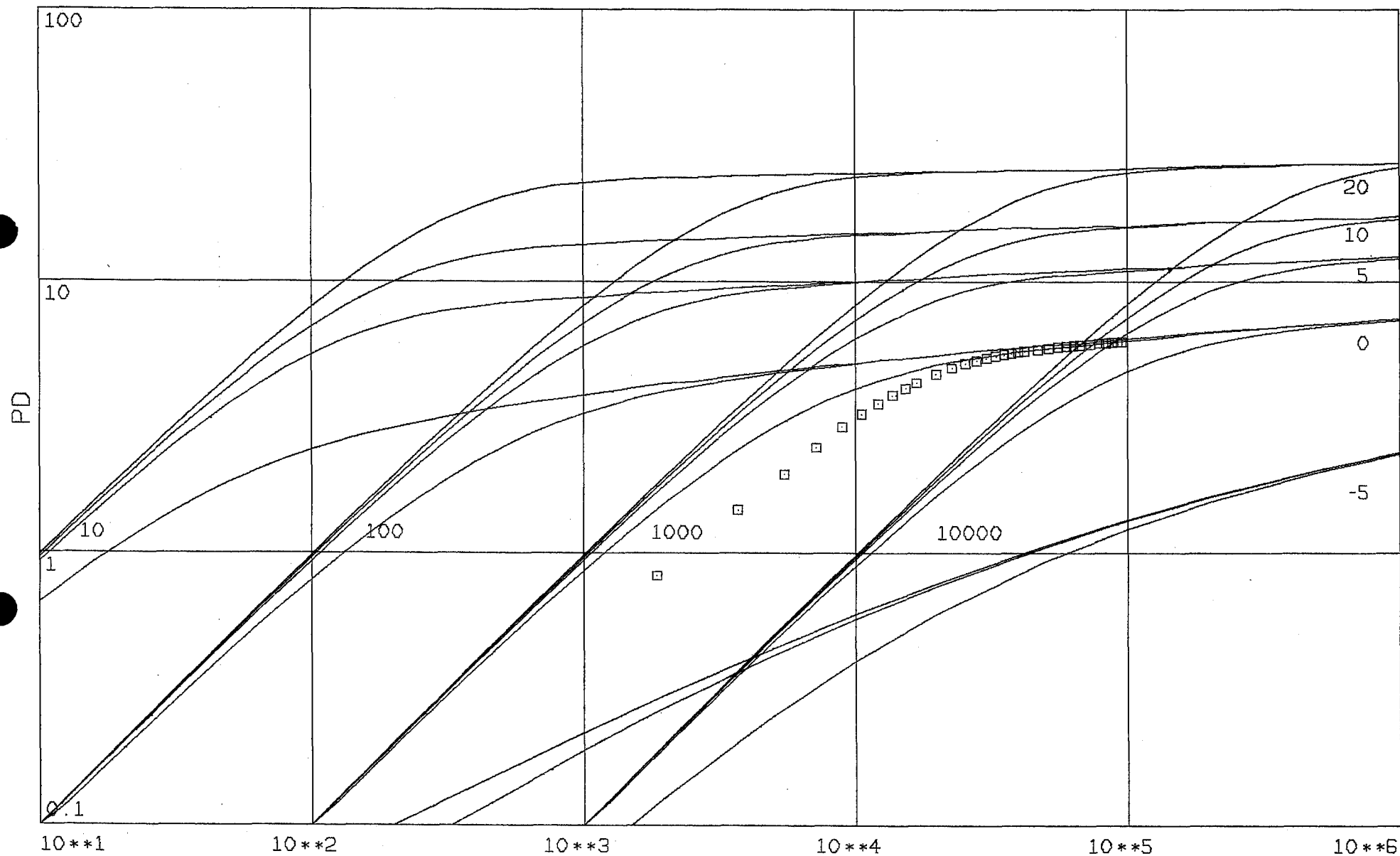


TD

GAUGE NO 649

CIP 2

TICKET NO 50907000



TD

SUMMARY OF RESERVOIR PARAMETERS

USING HORNER METHOD FOR GAS WELLS

GAS GRAVITY _____ 0.600 _____ TEMPERATURE _____ 125.0 _____ °F
 NET PAY _____ 27.0 ft _____ POROSITY _____ 10.0 _____ %
 RADIUS OF WELL BORE _____ 0.365 ft _____ VISCOSITY _____ 0.016 _____ cp
 GAS DEVIATION FACTOR _____ 0.845 _____ GAS PROPERTIES AT _____ 2158.6 _____ p sig
 SYSTEM COMPRESSIBILITY _____ 388.33 x 10⁻⁶ vol/vol/p si

GAUGE NUMBER	4426	649					
GAUGE DEPTH	4419.0	4492.0					
FLOW AND CIP PERIOD	2	2					UNITS
FINAL FLOW PRESSURE	97.0	120.2					p sig
TOTAL FLOW TIME	88.8	88.8					min
CALC. STATIC PRESSURE P*	2134.7	2158.8					p sig
EXTRAPOLATED PRESSURE m(P*)	370.4	378.0					$\frac{\text{mmp si}^2}{\text{cp}}$
ONE CYCLE PRESSURE m(P ₁₀)	254.6	262.2					$\frac{\text{mmp si}^2}{\text{cp}}$
PRODUCTION RATE Q	42.0	42.0					MCFD
FLOW CAPACITY kh	0.34736	0.34736					md-ft
PERMEABILITY k	0.01287	0.01287					md
SKIN FACTOR S	1.2	1.3					
DAMAGE RATIO DR	1.5	1.5					
INDICATED RATE MAX AOF ₁	42.2	42.2					MCFD
INDICATED RATE MIN AOF ₂	42.1	42.1					MCFD
THEORETICAL RATE DRxAOF ₁	63.0	64.3					MCFD
THEORETICAL RATE DRxAOF ₂	62.9	64.1					MCFD
RADIUS OF INVESTIGATION r _i	5.6	5.6					ft

REMARKS:

NOTICE: THESE CALCULATIONS ARE BASED UPON INFORMATION FURNISHED BY YOU AND TAKEN FROM DRILL STEM PRESSURE CHARTS, AND ARE FURNISHED YOU FOR YOUR INFORMATION. IN FURNISHING SUCH CALCULATIONS AND EVALUATIONS BASED THEREON, HALLIBURTON IS MERELY EXPRESSING ITS OPINION. YOU AGREE THAT HALLIBURTON MAKES NO WARRANTY EXPRESS OR IMPLIED AS TO THE ACCURACY OF SUCH CALCULATIONS OR OPINIONS, AND THAT HALLIBURTON SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE, WHETHER DUE TO NEGLIGENCE OR OTHERWISE, IN CONNECTION WITH SUCH OPINIONS.

SUMMARY OF RESERVOIR PARAMETERS

USING CURVE MATCH METHOD FOR GAS WELLS

GAS GRAVITY 0.600 TEMPERATURE 125.0 °F
 NET PAY 27.0 ft POROSITY 10.0 %
 RADIUS OF WELLBORE 0.365 ft VISCOSITY 0.016 cp
 GAS DEVIATION FACTOR 0.845 GAS PROPERTIES AT 2158.6 p sig
 SYSTEM COMPRESSIBILITY 388.33 $\times 10^{-6}$ vol/vol/p si

GAUGE NUMBER		4426	549					
GAUGE DEPTH		4419.0	4492.0					
FLOW AND CIP PERIOD		2	2					UNITS
FINAL FLOW PRESSURE P_f		97.0	120.2					p sig
TOTAL FLOW TIME t		88.8	88.8					min
PRODUCTION RATE Q		42.0	42.0					MCFD
t_d AT 1 HOUR		70244.	66884.					
P_d AT 100 p si		0.313	0.308					
C_d		0.8	0.7					
SKIN S		0.0	0.0					
TRANSMISSIBILITY kh/μ		21.4	21.1					$\frac{md-ft}{cp}$
FLOW CAPACITY kh		0.34127	0.33633					md-ft
PERMEABILITY k		0.01264	0.01245					md
DAMAGE RATIO DR		1.0	1.0					
RADIUS OF INVESTIGATION r_i		5.6	5.5					ft

REMARKS :

NOTICE :

THESE CALCULATIONS ARE BASED UPON INFORMATION FURNISHED BY YOU AND TAKEN FROM DRILL STEM PRESSURE CHARTS, AND ARE FURNISHED YOU FOR YOUR INFORMATION. IN FURNISHING SUCH CALCULATIONS AND EVALUATIONS BASED THEREON, HALLIBURTON IS MERELY EXPRESSING ITS OPINION. YOU AGREE THAT HALLIBURTON MAKES NO WARRANTY EXPRESS OR IMPLIED AS TO THE ACCURACY OF SUCH CALCULATIONS OR OPINIONS, AND THAT HALLIBURTON SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE, WHETHER DUE TO NEGLIGENCE OR OTHERWISE, IN CONNECTION WITH SUCH OPINIONS.



HALLIBURTON SERVICES

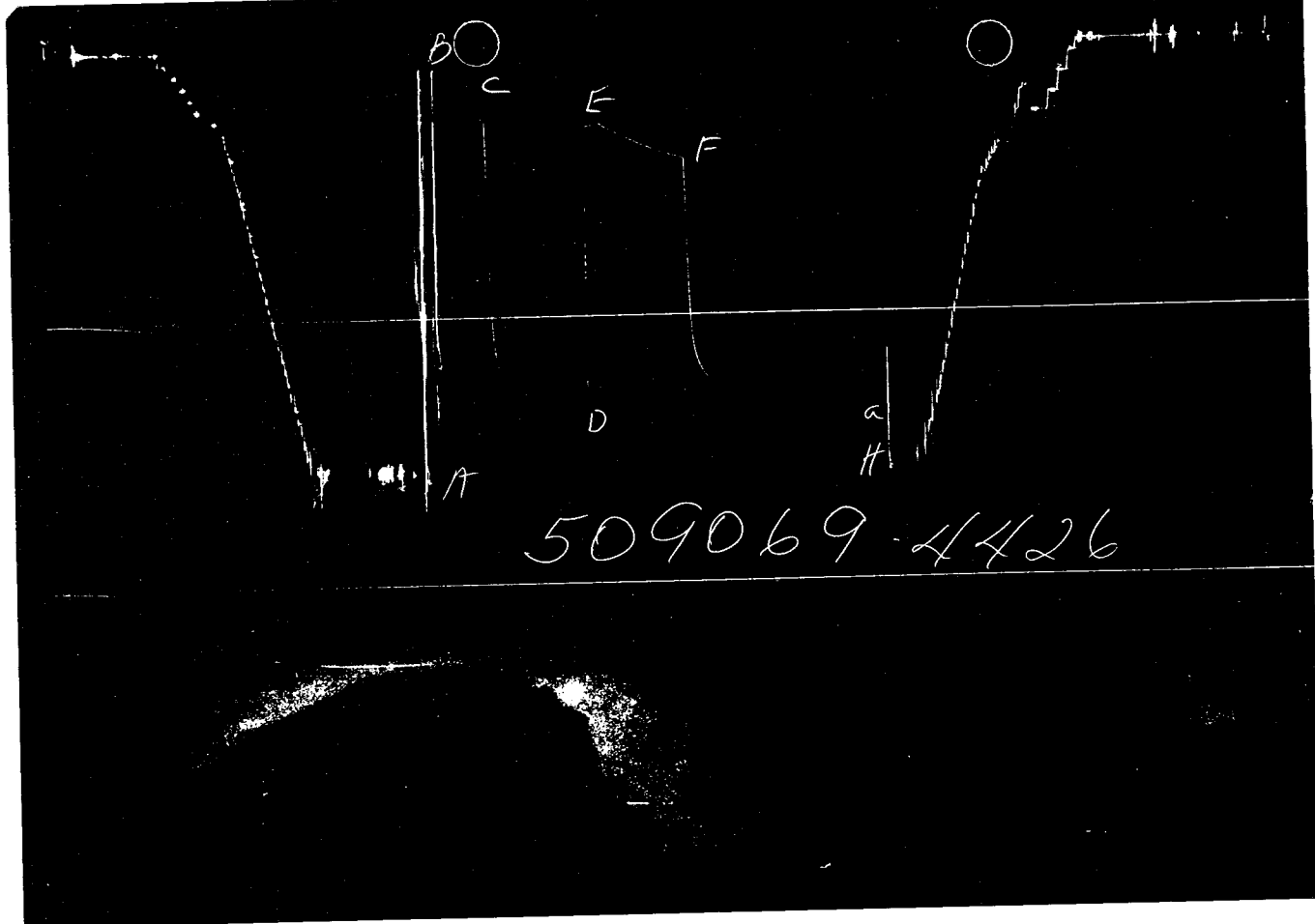
TICKET NO. 50906900

14-SEP-87

VERNAL

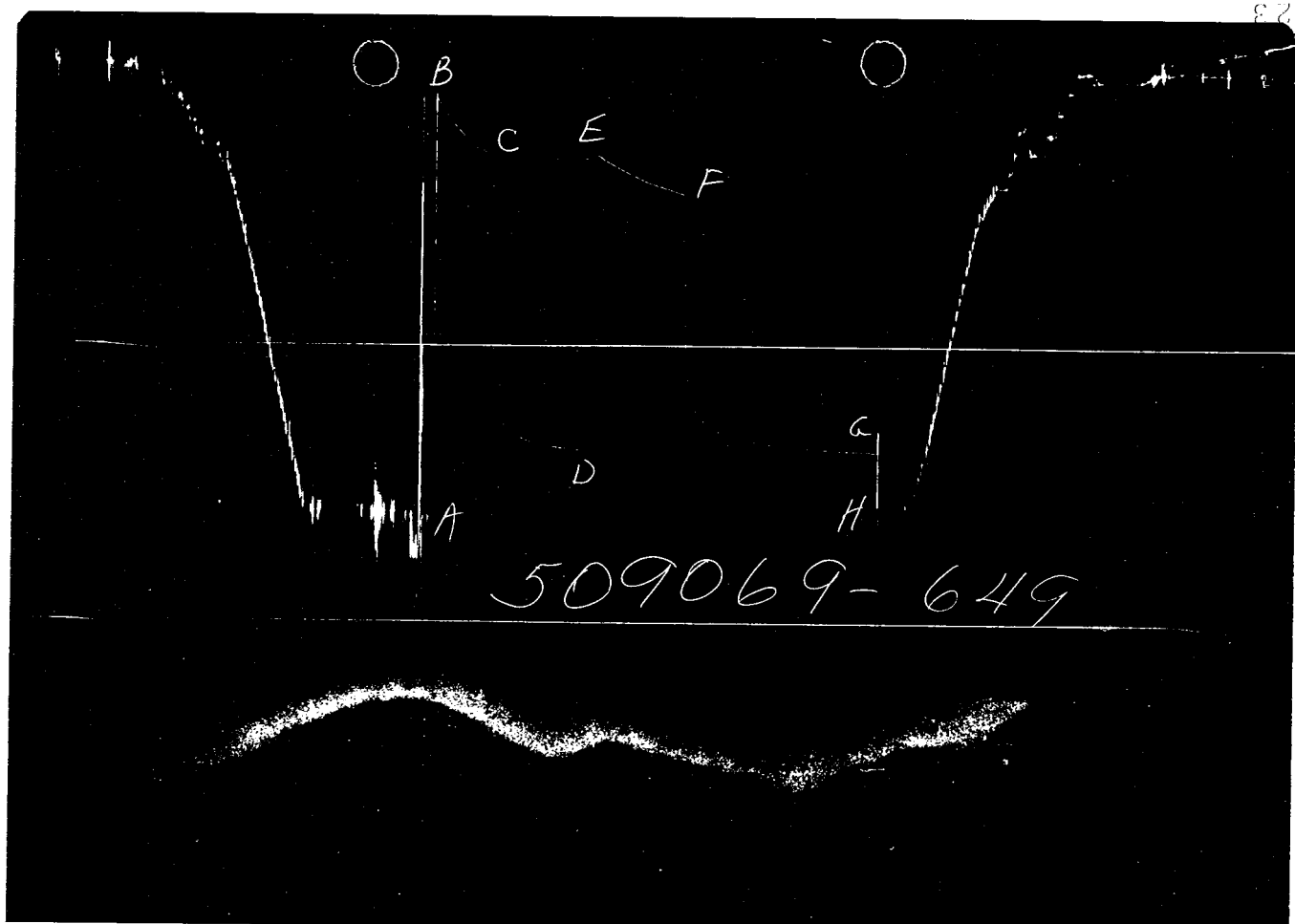
FORMATION TESTING SERVICE REPORT

ROCK HOUSE	44-14	1	3325.0 - 3365.0	MRXUS EXPLORATION COMPANY
LEASE NAME	WELL NO.	TEST NO.	TESTED INTERVAL	LEASE OWNER/COMPANY NAME
LEGAL LOCATION SEC. - TWP. - RNG.	14-11S-23E	FIELD AREA	ROCK HOUSE	COUNTY
				UTAH
				STATE
				UTAH
				SM



GAUGE NO: 4426 DEPTH: 3304.0 BLANKED OFF: NO HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1580	1571.5			
B	INITIAL FIRST FLOW	74	76.6			
C	FINAL FIRST FLOW	260	264.1	30.0	30.0	F
C	INITIAL FIRST CLOSED-IN	260	264.1			
D	FINAL FIRST CLOSED-IN	1357	1357.4	60.0	60.6	C
E	INITIAL SECOND FLOW	288	297.6			
F	FINAL SECOND FLOW	427	416.2	60.0	59.6	F
F	INITIAL SECOND CLOSED-IN	427	416.2			
G	FINAL SECOND CLOSED-IN	1357	1352.0	120.0	119.8	C
H	FINAL HYDROSTATIC	1571	1571.5			



GAUGE NO: 649 DEPTH: 3362.0 BLANKED OFF: YES HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1596	1619.4			
B	INITIAL FIRST FLOW	89	116.8			
C	FINAL FIRST FLOW	293	300.4	30.0	30.0	F
C	INITIAL FIRST CLOSED-IN	293	300.4			
D	FINAL FIRST CLOSED-IN	1364	1377.4	60.0	60.6	C
E	INITIAL SECOND FLOW	328	325.4			
F	FINAL SECOND FLOW	443	448.5	60.0	59.6	F
F	INITIAL SECOND CLOSED-IN	443	448.5			
G	FINAL SECOND CLOSED-IN	1364	1376.7	120.0	119.8	C
H	FINAL HYDROSTATIC	1613	1617.9			

EQUIPMENT & HOLE DATA

FORMATION TESTED: WASATCH
NET PAY (ft): 21.0
GROSS TESTED FOOTAGE: 40.0
ALL DEPTHS MEASURED FROM: KELLY BUSHING
CASING PERFS. (ft): _____
HOLE OR CASING SIZE (in): 8.750
ELEVATION (ft): 5773.0 GROUND
TOTAL DEPTH (ft): 3365.0
PACKER DEPTH(S) (ft): 3319, 3325
FINAL SURFACE CHOKE (in): 0.12500
BOTTOM HOLE CHOKE (in): 0.750
MUD WEIGHT (lb/gal): 8.90
MUD VISCOSITY (sec): 37
ESTIMATED HOLE TEMP. (°F): _____
ACTUAL HOLE TEMP. (°F): 114 @ 3361.0 ft

TICKET NUMBER: 50906900

DATE: 9-3-87 TEST NO: 1

TYPE DST: OPEN HOLE

HALLIBURTON CAMP:
VERNAL

TESTER: RANDY RIPPLE

WITNESS: STAN WHITE

DRILLING CONTRACTOR:
WIN-ROCK RIG #7

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
MUD PIT	<u>2.400 @ 68 °F</u>	<u>1515 ppm</u>
MIDDLE OF FLUID-WTR.	<u>0.640 @ 68 °F</u>	<u>5757 ppm</u>
SAMPLER	<u>0.560 @ 68 °F</u>	<u>8181 ppm</u>
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm

SAMPLER DATA

Psig AT SURFACE: 310.0
cu.ft. OF GAS: 0.300
cc OF OIL: _____
cc OF WATER: 1925.0
cc OF MUD: _____
TOTAL LIQUID cc: 1925.0

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F
GAS/OIL RATIO (cu.ft. per bbl): _____
GAS GRAVITY: _____

CUSHION DATA

TYPE	AMOUNT	WEIGHT
_____	_____	_____
_____	_____	_____

RECOVERED :

276 FEET OF DRILLING MUD (GAS CUT)
658 FEET OF WATER (GAS CUT)

MEASURED FROM
TESTER VALVE

REMARKS :

TICKET NO: 50906900

GAUGE NO: 4426

CLOCK NO: 4203 HOUR: 12

DEPTH: 3304.0



REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta P}{t + \Delta P}$	$\log \frac{t + \Delta P}{\Delta P}$
FIRST FLOW					
B 1	0.0	75.6			
2	5.0	121.2	44.5		
3	10.0	165.3	44.2		
4	15.0	200.0	34.7		
5	20.0	231.3	31.3		
6	25.0	255.1	23.8		
C 7	30.0	264.1	8.9		
FIRST CLOSED-IN					
C 1	0.0	264.1			
2	1.0	572.7	308.7	1.0	1.490
3	2.0	825.8	561.8	1.9	1.206
4	3.0	996.2	732.2	2.7	1.046
5	4.0	1086.5	822.4	3.5	0.933
6	5.0	1138.7	874.7	4.3	0.846
7	6.0	1172.3	908.3	5.0	0.776
8	7.0	1196.0	931.9	5.7	0.722
9	8.0	1213.8	949.7	6.3	0.678
10	9.0	1229.0	964.9	6.9	0.636
11	10.0	1240.1	976.1	7.5	0.603
12	12.0	1259.3	995.3	8.6	0.545
13	14.0	1273.1	1009.1	9.5	0.498
14	16.0	1283.9	1019.9	10.4	0.459
15	18.0	1294.3	1030.2	11.3	0.426
16	20.0	1301.0	1037.0	12.0	0.398
17	22.0	1307.7	1043.6	12.7	0.374
18	24.0	1313.4	1049.4	13.4	0.352
19	26.0	1319.0	1055.0	13.9	0.334
20	28.0	1323.1	1059.1	14.5	0.316
21	30.0	1327.3	1063.3	15.0	0.301
22	35.0	1335.0	1071.0	16.2	0.269
23	40.0	1341.7	1077.6	17.2	0.243
24	45.0	1347.2	1083.1	18.0	0.222
25	50.0	1351.1	1087.0	18.8	0.204
26	55.0	1355.3	1091.2	19.4	0.189
D 27	60.6	1357.4	1093.3	20.1	0.175
SECOND FLOW					
E 1	0.0	297.6			
<input checked="" type="checkbox"/> 2	7.4	279.6	-18.0		
3	10.0	287.7	8.2		
4	20.0	320.4	32.7		
5	30.0	350.5	30.1		
6	40.0	376.1	25.6		
7	50.0	398.2	22.1		
F 8	59.6	416.2	18.0		

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta P}{t + \Delta P}$	$\log \frac{t + \Delta P}{\Delta P}$
SECOND CLOSED-IN					
F 1	0.0	416.2			
2	1.0	683.1	266.8	0.9	1.978
3	2.0	905.4	489.1	2.0	1.653
4	3.0	1020.6	604.3	2.9	1.486
5	4.0	1092.7	676.5	3.9	1.366
6	5.0	1128.7	712.4	4.7	1.277
7	6.0	1154.3	738.1	5.6	1.204
8	7.0	1175.2	759.0	6.5	1.140
9	8.0	1191.0	774.8	7.4	1.084
10	9.0	1204.2	787.9	8.2	1.039
11	10.0	1214.3	798.1	9.0	0.999
12	12.0	1232.0	815.7	10.6	0.928
13	14.0	1245.3	829.0	12.1	0.869
14	16.0	1255.4	839.2	13.6	0.819
15	18.0	1265.2	849.0	15.0	0.776
16	20.0	1272.2	856.0	16.3	0.739
17	22.0	1279.0	862.8	17.7	0.705
18	24.0	1284.1	867.8	18.9	0.675
19	26.0	1288.5	872.3	20.1	0.648
20	28.0	1293.2	876.9	21.3	0.623
21	30.0	1297.5	881.2	22.5	0.600
22	35.0	1307.1	890.8	25.2	0.551
23	40.0	1314.8	898.6	27.6	0.511
24	45.0	1320.4	904.1	30.0	0.476
25	50.0	1325.6	909.4	32.1	0.446
26	55.0	1328.9	912.6	34.1	0.420
27	60.0	1332.0	915.8	35.9	0.397
28	70.0	1337.2	920.9	39.3	0.358
29	80.0	1340.8	924.6	42.3	0.326
30	90.0	1347.2	931.0	44.9	0.300
31	100.0	1349.3	933.0	47.3	0.278
32	110.0	1351.1	934.8	49.4	0.259
G 33	119.8	1352.0	935.7	51.3	0.242

LEGEND:

☒ MINIMUM FLOW PRESSURE

REMARKS:

TICKET NO: 50906900

CLOCK NO: 2418 HOUR: 12



GAUGE NO: 649

DEPTH: 3362.0















REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B 1	0.0	116.8			
2	5.0	155.6	38.8		
3	10.0	199.5	43.9		
4	15.0	233.9	34.4		
5	20.0	265.1	31.2		
6	25.0	290.1	25.0		
C 7	30.0	300.4	10.3		
FIRST CLOSED-IN					
C 1	0.0	300.4			
2	1.0	512.2	211.7	1.0	1.474
3	2.0	751.4	451.0	1.9	1.208
4	3.0	960.3	659.8	2.7	1.046
5	4.0	1070.8	770.3	3.5	0.933
6	5.0	1138.6	838.2	4.3	0.848
7	6.0	1179.7	879.2	5.0	0.776
8	7.0	1204.7	904.2	5.7	0.725
9	8.0	1227.0	926.6	6.3	0.678
10	9.0	1243.6	943.2	6.9	0.638
11	10.0	1257.1	956.6	7.5	0.601
12	12.0	1278.3	977.8	8.6	0.545
13	14.0	1293.2	992.7	9.5	0.498
14	16.0	1305.1	1004.7	10.4	0.459
15	18.0	1313.7	1013.3	11.3	0.426
16	20.0	1321.7	1021.3	12.0	0.398
17	22.0	1328.9	1028.5	12.7	0.374
18	24.0	1335.6	1035.2	13.3	0.352
19	26.0	1341.5	1041.1	13.9	0.334
20	28.0	1345.8	1045.4	14.5	0.316
21	30.0	1349.9	1049.5	15.0	0.301
22	35.0	1355.8	1055.3	16.2	0.269
23	40.0	1362.2	1061.7	17.1	0.243
24	45.0	1367.1	1066.7	18.0	0.222
25	50.0	1370.9	1070.5	18.8	0.204
26	55.0	1374.5	1074.1	19.4	0.189
D 27	60.6	1377.4	1077.0	20.1	0.175
SECOND FLOW					
E 1	0.0	325.4			
2	7.4	312.4	-12.9		
3	10.0	322.1	9.7		
4	20.0	356.5	34.3		
5	30.0	386.2	29.7		
6	40.0	412.3	26.2		
7	50.0	431.2	18.9		
F 8	59.6	448.5	17.3		

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND CLOSED-IN					
F 1	0.0	448.5			
2	1.0	685.5	237.0	1.0	1.939
3	2.0	899.8	451.3	2.0	1.658
4	3.0	1035.6	587.0	2.9	1.490
5	4.0	1110.6	662.0	3.9	1.365
6	5.0	1152.7	704.2	4.7	1.276
7	6.0	1181.5	733.0	5.7	1.200
8	7.0	1199.2	750.6	6.5	1.142
9	8.0	1216.9	768.4	7.3	1.087
10	9.0	1229.5	781.0	8.2	1.041
11	10.0	1239.7	791.2	9.0	0.997
12	12.0	1257.0	808.5	10.6	0.927
13	14.0	1270.2	821.7	12.1	0.868
14	16.0	1280.1	831.6	13.6	0.820
15	18.0	1288.6	840.1	15.0	0.777
16	20.0	1296.2	847.6	16.3	0.739
17	22.0	1302.6	854.1	17.7	0.705
18	24.0	1308.4	859.9	18.9	0.675
19	26.0	1313.2	864.6	20.2	0.647
20	28.0	1317.4	868.8	21.4	0.623
21	30.0	1321.1	872.5	22.5	0.600
22	35.0	1328.4	879.8	25.2	0.551
23	40.0	1335.2	886.6	27.6	0.511
24	45.0	1342.2	893.7	30.0	0.475
25	50.0	1347.5	899.0	32.1	0.446
26	55.0	1351.8	903.2	34.1	0.420
27	60.0	1355.9	907.4	35.9	0.397
28	70.0	1361.7	913.2	39.3	0.358
29	80.0	1365.9	917.3	42.3	0.326
30	90.0	1369.5	921.0	44.9	0.300
31	100.0	1372.8	924.3	47.3	0.278
32	110.0	1374.5	925.9	49.4	0.259
G 33	119.8	1376.7	928.2	51.3	0.242

LEGEND:

☐ MINIMUM FLOW PRESSURE

REMARKS:

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.000	3.340	2574.0	
3		DRILL COLLARS.....	6.000	2.250	521.7	
50		IMPACT REVERSING SUB.....	6.313	2.875	1.0	3197.0
3		DRILL COLLARS.....	6.000	2.250	93.3	
5		CROSSOVER.....	6.000	2.250	0.7	
13		DUAL CIP SAMPLER.....	5.000	0.750	6.9	
60		HYDROSPRING TESTER.....	5.000	0.750	5.0	3302.0
80		AP RUNNING CASE.....	5.000	2.250	4.1	3304.0
15		JAR.....	5.000	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	2.8	
70		OPEN HOLE PACKER.....	7.750	1.530	5.8	3319.0
70		OPEN HOLE PACKER.....	7.750	1.530	5.8	3325.0
20		FLUSH JOINT ANCHOR.....	5.750	3.500	34.0	
81		BLANKED-OFF RUNNING CASE.....	5.750		4.1	3362.0
TOTAL DEPTH					3365.0	

EQUIPMENT DATA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form 3160-6
(November 1983)
(Formerly 8-329)

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-0
Communitization Agreement No. _____
Field Name Rockhouse Unit
Unit Name Rockhouse Unit
Participating Area _____
County Uintah State Utah
Operator Maxus Exploration Company
☐ Amended Report

101517

The following is a correct report of operations and production (including status of all unplugged wells) for the month of September, 19 87

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396d), regulation (43 CFR 3162.4-3), and the terms of the lease. Failure to report can result in the assessment of liquidated damages, (43 CFR 3160), penalties, shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (43 CFR 3160).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
44-14	14 SE/SE	11S	23E	DRLG	-0-	-0-	-0-	-0-	Rockhouse Unit 44-14 43-047-31806
					9-01-87	Ø 1558'			
					9-02-87	Ø 2485'			
					9-03-87	Ø 3250'			
					9-04-87	Ø 3365'			
					9-05-98	Ø 3734' DST #1			
					9-06-87	Ø 4069'			
					9-07-87	Ø 4374'			
					9-08-87	Ø 4496' DST #2			
					9-09-87	Ø 4733'			
					9-10-87	Ø 5092'			
					9-11-87	Ø 5377'			
					9-12-87	Ø 5466' DST #3			
					9-13-87	Ø 5877'			
					9-14-87	Ø 6150' TD			
					9-15-87	Circ. W/O Pipe			
					9-16-87	Circ. W/O Pipe			
					9-17-87	Circ. W/O Pipe			
					9-18-87	Cementing			
					9-19-87	Released Drilling Rig, W/O Completion			

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OCT 14 1987

DIVISION OF OIL
GAS & MINING

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature] Address: P. O. Box 1669, Vernal, Ut. 84078

Title: District Superintendent

Page 1 of 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other in
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

16

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐

2. NAME OF OPERATOR

MAXUS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR

P. O. BOX 1669, VERNAL, UTAH 84078

DIVISION OF

OIL, GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):

At surface

522' FSL & 522' FEL SE/SE

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO.

43-047-31806

DATE ISSUED

8-12-87

15. DATE SPUNDED

8-26-87

16. DATE T.D. REACHED

9-14-87

17. DATE COMPL. (Ready to prod.)

11-20-87

18. ELEVATIONS (OF, BKH, RT, CR, ETC.) *

5773 GR

20. TOTAL DEPTH, MD & TVD

6150'

21. PLUG, BACK T.D., MD & TVD

5740'

22. IF MULTIPLE COMPL., HOW MANY *

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION TOP, BOTTOM, NAME (MD AND TVD) *

4686-4716' Wasatch

3522-3534' Wasatch

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIGL/SDL-DSN/FWAT/CBL-VDL/GR

10-23-87 FRACTURE HEIGHT
FULL WAVE SONIC DELTA T LOG
FRACTURE BOREHOLE STRESS
FULL WAVE SONIC WAVEFORM PLOT
FRACTURE ROCK PROPERTIES

25. WAS DIRECTIONAL SURVEY MADE

No

27. WAS WELL CORRED

No

29. LITHICAL

11-23-87

CASING RECORD (Report all strings set in well) SPECTRAL DENSITY DSN II LOG

CASINO SIZE

9 5/8

7"

WEIGHT, LB./FT.

36#

23 & 26#

DEPTH SET (MD)

281'

6140'

HOLE SIZE

12 1/4"

8 3/4"

CEMENTING RECORD

140 sx Class G

150 sx Lite, 850 sx "H"

AMOUNT PULLED

None

None

29. LINER RECORD

SIZE

TOP (MD)

BOTTOM (MD)

BACKS CEMENT *

SCREEN (MD)

30. TUBING RECORD

SIZE

DEPTH SET (MD)

PACKER SET (MD)

2 1/16"

4500'

4600'

31. PERFORATION RECORD (Interval, size and number)

5963-5976' .44, 52 holes (closed)

5886-5890' .44, 4 holes (closed)

5858-5862' .44, 4 holes (closed)

5753-5757' .44, 4 holes (closed)

4686-4714' .44, 120 holes (open)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

4686-4716'

500 gal mud flush w/500 scf/bbl N₂

3522-3534'

16,000 gal 700 N₂ foam w/28,000#

20/40 sand

33. 3522-3534' .44, 48 holes (open)

PRODUCTION

DATE FIRST PRODUCTION

11-15-87

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

WELL STATUS (Producing or shut-in)

Shut In - WOP

DATE OF TEST

11-20-87

HOURS TESTED

24

CHOKS SIZE

21/64

PROD'N. FOR TEST PERIOD

OIL - BBL.

2.7

GAS MCF.

1903

WATER - BBL.

25.7

GAS-OIL RATIO

788,735:1

FLOW. TUBING PRESS.

900 PSI

CASING PRESSURE

1190

CALCULATED 24-HOUR RATE

OIL - BBL.

2.7

GAS - MCF.

1903

WATER - BBL.

25.7

N/A

34. DISPOSITION OF GAS (Hold, used for fuel, vented, etc.)

Flared for test, will be sold

TEST WITNESSED BY

Joe Bowden

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Russ Ivie

TITLE Production Superintendent

DATE 12-17-87

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

36. GEOLOGIC MARKERS						
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
WASATCH	3325	3365	DST #1 (SEE ENCLOSED REPORT)	GREEN RIVER	464'	
WASATCH	4440	4495	DST #2 (SEE ENCLOSED REPORT)	TOP OIL SHALE	478'	
MESA VERDE	5386	5425	DST #3 (SEE ENCLOSED REPORT)	BASE OIL SHALE	1383'	
				WASATCH	2946'	
				MESA VERDE	4743'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-0799
2. NAME OF OPERATOR MAXUS EXPLORATION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 1669, VERNAL, UTAH 84078		7. UNIT AGREEMENT NAME ROCKHOUSE
4. LOCATION OF WELL (Report location clearly and in accordance with an approved survey. See also space 17 below.) At surface 522' FSL & 522' FEL		8. FARM OR LEASE NAME ROCKHOUSE
14. PERMIT NO. 43-047-31806		9. WELL NO. 44-14
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5773' GR		10. FIELD AND POOL, OR WILDCAT ROCKHOUSE-WASATCH
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 14, T11S, R23E
		12. COUNTY OR PARISH UTAH
		13. STATE UTAH

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JUL 15 1988

DIVISION OF
OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

PULL OR ALTER CASING ☐

WATER SHUT-OFF ☐

REPAIRING WELL ☐

FRACTURE TREAT ☐

MULTIPLE COMPLETE ☐

FRACTURE TREATMENT ☐

ALTERING CASING ☐

SHOOT OR ACIDIZE ☐

ABANDON* ☐

SHOOTING OR ACIDIZING ☐

ABANDONMENT* ☐

REPAIR WELL ☐

ISOLATION ☐

(Other) ☐

(Other) NOTIFICATION OF FORMATION ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MAXUS EXPLORATION COMPANY respectfully wishes to inform the BLM that a cast iron bridge plug was set @ 5740' to isolate our open Wasatch formation zones (4686-4716, 3522-3534') from the closed off Mesaverde formation zones (5963-5976, 5886-5890, 5858-5862, 5753-5757').

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1 - TAS	
2 - MICROFILM	✓
3 - FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED

JIM HENDRICKS

TITLE District Engineer

DATE 7-12-88

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

5-88

TWP 11 SOUTH AND EAST
INVALID COMMAND

ENTER COMMAND >DIS TWP,RNG,SECT,API,STAT,FN,SURVEY,QTR,NAME,PEN

S110	E140	36	4301330486	PGW	WSTC	S NWSE PTS 33-36 STATE	6190
S110	E190	2	4304731824	DRL		S SWNE ALGER PASS #1	10828
S110	E190	11	4304731108	PGW	WSTC	S NWSE KING'S CANYON 1-11	1365
S110	E200	3	4304731178	PGW	MVRD	S SWSW LAFKAS FED 1-3	1367
S110	E200	5	4304731818	DRL		S SESW WILLOW CREEK UNIT #2	10804
S110	E200	10	4304731026	PGW	WSTC	S NESW HILL FED 1-10	1368
S110	E200	27	4304731775	SGW	WSTC	S SWNE WILLOW CREEK UNIT #1	10804
S110	E210	3	4304730766	PGW	WSTC	S SWSW LOVE UNIT B2-3	1366
S110	E210	4	4304730640	PGW	WSTC	S NWSW LOVE UNIT 4-1	1366
S110	E210	7	4304730148	SGW	WSTC	S NWNE NATURAL 1-7	6129
S110	E210	8	4304730189	PA	MVRD	S NESW HOPE UNIT 2-8	10150
S110	E210	10	4304730709	PGW	WSTC	S SESW LOVE UNIT B1-10	1366
S110	E210	11	4304730617	PGW	MVRD	S NESW LOVE UNIT #1	1366
S110	E210	12	4304730638	PGW	WSTC	S NWSW LOVE UNIT 1-12	9871
S110	E220	2	4304731489	PGW	MVRD	S NENE ARCHY BENCH STATE 1-2	1460
S110	E220	3	4304730524	PGW	MVRD	S SWNE BTR CREEK FED #1-3	99999
S110	E220	10	4304731760	DRL		S NENE LIZARD CREEK FEDERAL #2-	9870
S110	E220	10	4304731475	PGW	MVRD	S NWNW LIZARD CREEK FEDERAL 1-	10795
S110	E220	18	4304730706	PGW	WSTC	S SESW LOVE UNIT A1-18	1355
S110	E220	33	4304731778	SGW	WSTC	S NWSE EAST BENCH UNIT #1	10581
S110	E230	1	4304715807	PGW	WSTC	S NWSE RAINBOW UNIT #4	10669
S110	E230	5	4304731689	PGW	WSTC	S SWSE CRACKER FEDERAL #3	6693
S110	E230	7	4304731748	SGW	WSTC	S SENE CRACKER FEDERAL #4	6694
S110	E230	8	4304731532	SGW	WSTC	S SENE CRACKER FED. #1	2025
S110	E230	8	4304731690	SGW	WSTC	S SESE CRACKER FEDERAL #2	2025
S110	E230	9	4304715811	PGW	WSTC	S SENW ROCKHOUSE UNIT 4	2025
S110	E230	10	4304715809	SGW	WSTC	S SESE ROCKHOUSE UNIT #1	2025
S110	E230	10	4304715809	SGW	MVRD	S SESE ROCKHOUSE UNIT #1	2025
S110	E230	11	4304715810	SGW	WSTC	S NWSE ROCKHOUSE UNIT #3	2025
S110	E230	11	4304715810	SGW	MVRD	S NWSE ROCKHOUSE UNIT #3	9841
S110	E230	12	4304731603	SGW	MVRD	S SWSE WET S FEDERAL "A" #1	2025
S110	E230	13	4304715812	SGW	WSTC	S SWSE ROCKHOUSE UNIT #5A	10793
S110	E230	14	4304731806	SGW	WSTC	S SESE ROCK HOUSE UNIT #44-14	2025
S110	E230	23	4304715815	PGW	WSTC	S SENE ROCKHOUSE UNIT #8	2010
S110	E240	8	4304715805	SGW	MVRD	S NESW RAINBOW UNIT #1	2010
S110	E240	8	4304715805	SGW	WSTC	S NESW RAINBOW UNIT #1	2010
S110	E240	8	4304715805	WSW	GRRV	S NESW RAINBOW UNIT #1	1350
S110	E240	18	4304715806	SGW	MVRD	S NESW RAINBOW UNIT 2A	1350
S110	E240	18	4304715806	SGW	WSTC	S NESW RAINBOW UNIT 2A	1350
S110	E240	18	4304715806	WSW	GRRV	S NESW RAINBOW UNIT 2A	1350
S110	E250	12	4304731803	SGW	DKTA	S SENE HELL'S HOLE FEDERAL 1-12	10813
S110	E250	36	4304731307	SGW	BUKHA	S SESW EVACUATION CREEK #1	6691

ENTER COMMAND >ASEL

73 RECORD(S) SELECTED

880613 Entity chg. to 2025 as per review.

ENTER COMMAND >

AUTOPRINT NO

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for

RECEIVED
AUG 19 1988

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-0799	
2. NAME OF OPERATOR MAXUS EXPLORATION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. BOX 1669 VERNAL, UTAH		7. UNIT AGREEMENT NAME ROCKHOUSE	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 522' FSL & 522' FEL		8. FARM OR LEASE NAME ROCKHOUSE	
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		12. COUNTY OR PARISH UTAH	
		13. STATE UTAH	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) SITE SECURITY DIAGRAM ☒

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANS ☐

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☐

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MAXUS EXPLORATION COMPANY respectfully submits the enclosed site facility diagram for your records. The site security plan for this well will be on file in our Vernal office for your inspection at your convenience.

18. I hereby certify that the foregoing is true and correct

SIGNED Jim Hendricks
JIM HENDRICKS
(This space for Federal or State office use)

TITLE PRODUCTION ENGINEER

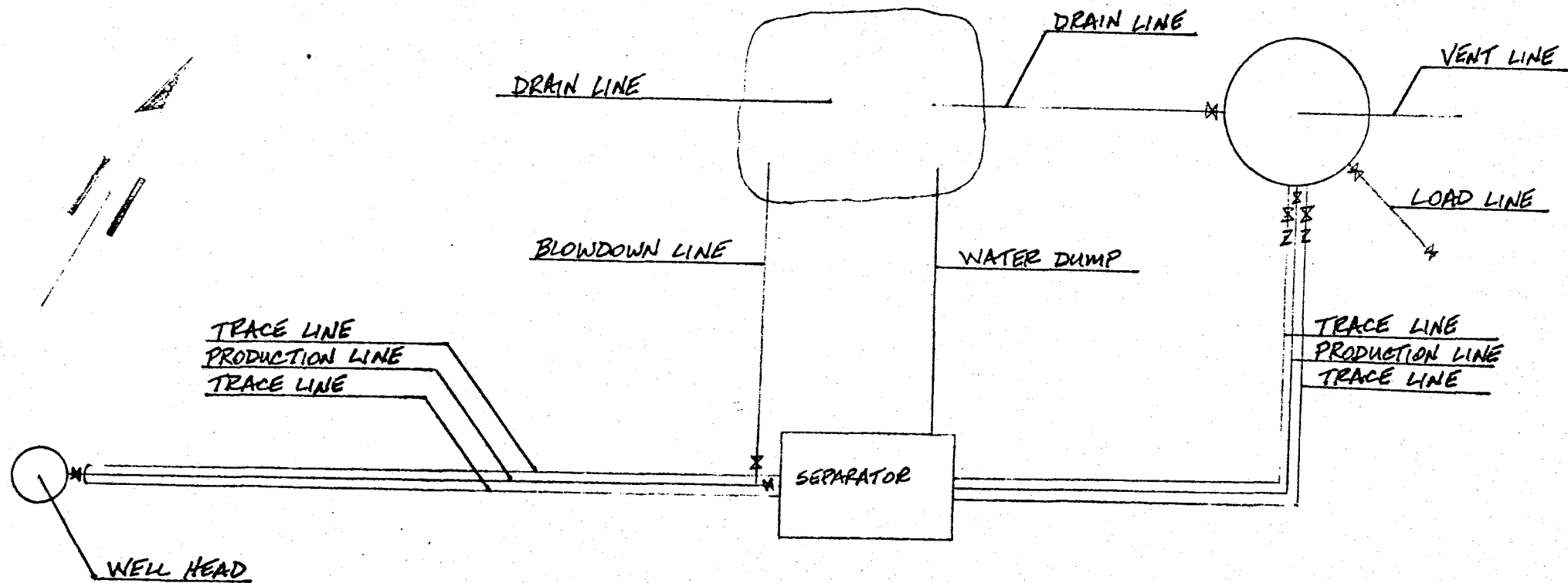
DATE 8/8/88

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side



MAXUS

- ⊗ Back Pressure Valve
- ⊗ Control Valve
- ⌞ Check Valve

WELL NAME: ROCKHOUSE 44-14

LEASE #: U-0799

LOCATION: 523' FSL & 523 FEL

SECTION, TWP & RGE: SEC. 14, T11S, R23E

COUNTY, STATE: UINTAH CO., UTAH

DIAGRAM NOT TO SCALE

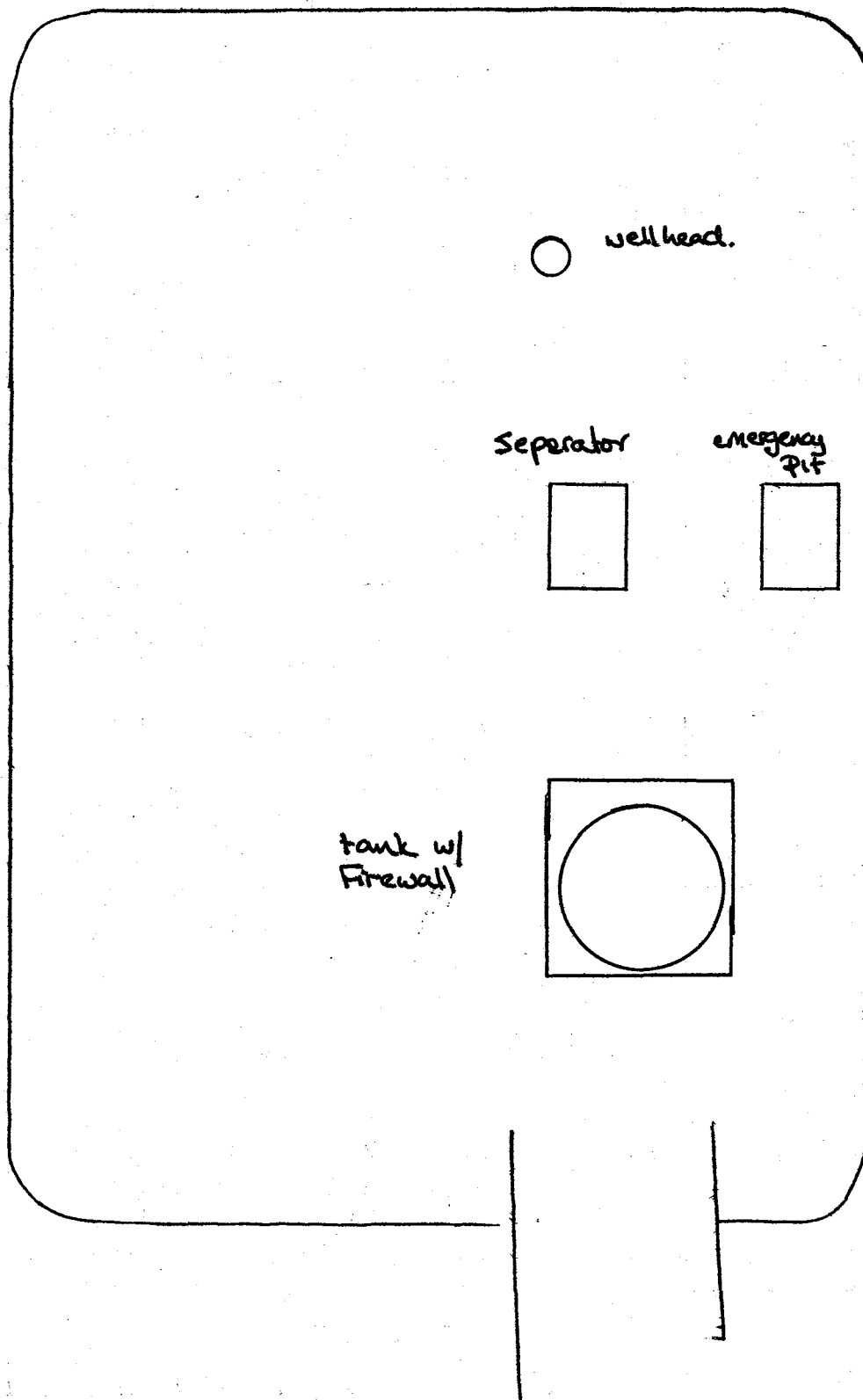
Rockhouse Unit #44

Sec 14 T11S R23E

Key G.

10/6/88

42-381 50 SHEETS 5 SQUARE
42-382 100 SHEETS 5 SQUARE
42-389 200 SHEETS 5 SQUARE
Made in U.S.A.



✓
N

Form 3160-5
November 1983)
formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

OIL ☐ GAS ☐ ☒ OTHER

NAME OF OPERATOR

MAXUS EXPLORATION COMPANY

ADDRESS OF OPERATOR

P. O. BOX 1669, VERNAL, UTAH 84078

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

523' FSL & 523' FEL

RECEIVED
FEB 23 1989

DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

U-0799

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

ROCKHOUSE

8. FARM OR LEASE NAME

ROCKHOUSE

9. WELL NO.

44-14

10. FIELD AND POOL, OR WILDCAT

ROCKHOUSE-WASATCH

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SEC. 14, T11S, R23E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

14. PERMIT NO.

43-047-31806

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5773' GR

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

☒

WATER SHUT-OFF

☐
☐
☐
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

☐
☐
☐
☐

(Other) SITE SECURITY DIAGRAM

☒

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MAXUS EXPLORATION COMPANY respectfully submits the enclosed updated site facility diagram for your records. The site security plan for this well will be on file in our Vernal Office for your inspections at your convenience.

I hereby certify that the foregoing is true and correct

SIGNED

Jim Hendricks

TITLE District Engineer

DATE Dec. 16, 1988

Jim Hendricks

(Leave space for Federal or State office use)

APPROVED BY

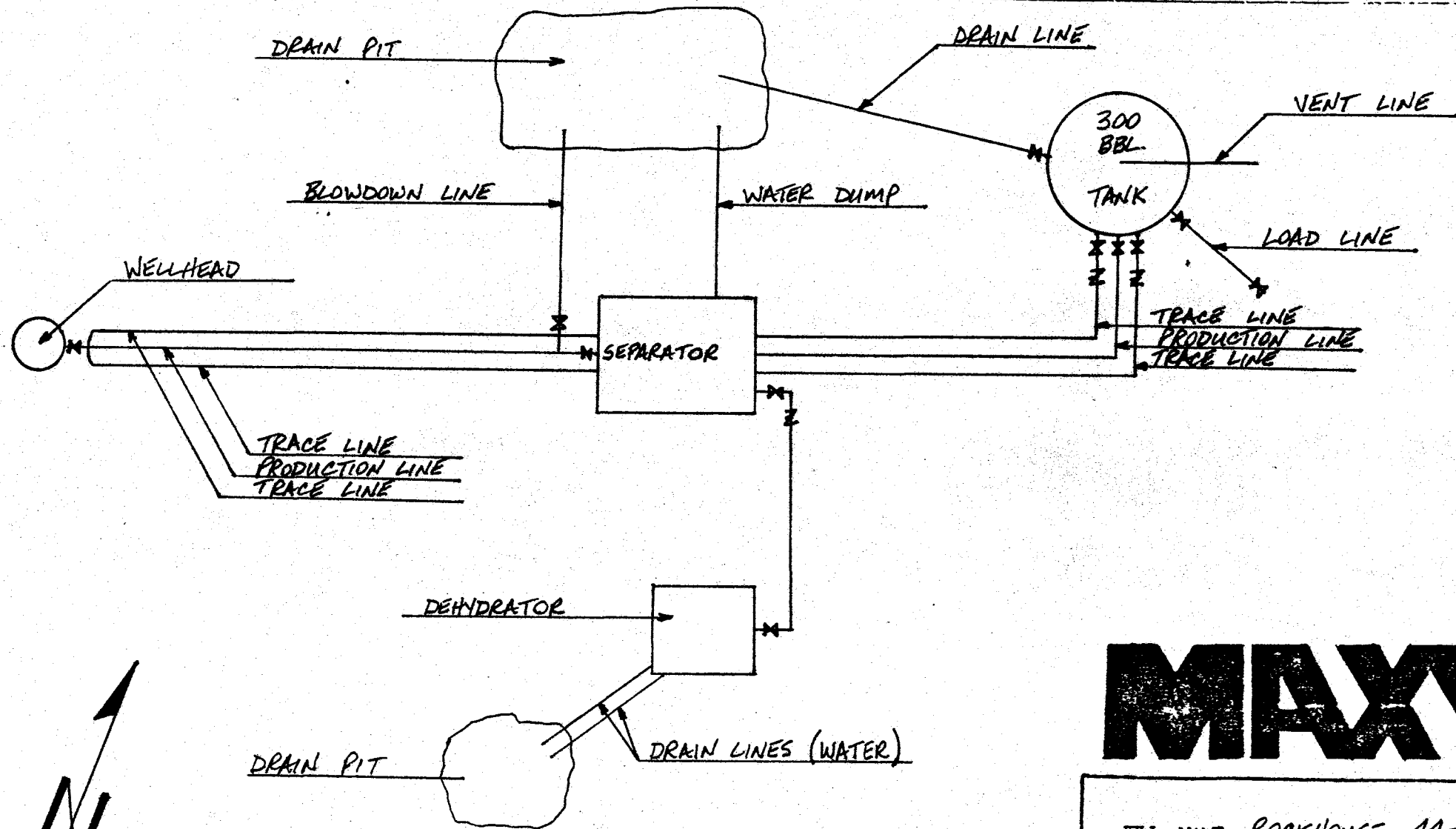
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Under 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



MAXUS

WELL NAME: ROCKHOUSE 44-14

LEASE #: U- 0799

LOCATION: 523' FSL & 523' FEL

SECTION, T&P & RGE: SEC. 14, T11S, R23E

COUNTY, STATE: UINTAH CO., UTAH

☒ Back Pressure Valve

☒ Control Valve

☒ Check Valve

DIAGRAM NOT TO SCALE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004--0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-0779

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
MAXUS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
P. O. BOX 1669, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with applicable requirements.*
See also space 17 below.)
At surface

522' FSL & 522' FEL

RECEIVED
MAY 04 1989

DIVISION OF
OIL, GAS & MINING

7. UNIT AGREEMENT NAME

ROCKHOUSE

8. FARM OR LEASE NAME

ROCKHOUSE

9. WELL NO.

44-14

10. FIELD AND POOL, OR WILDCAT

ROCKHOUSE-WASATCH

11. SEC., T., R., M., OR S.E. AND
SURVEY OR AREA

SEC. 14, T11S, R23E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

14. PERMIT NO.
43-047-31806

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5773' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

FIRST SALES

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zoned pertinent to this work.)*

MAXUS EXPLORATION COMPANY wishes to inform the BLM that the Rockhouse 44-14 well commenced 1st gas sales on April 27, 1989, producing into Questar's Pipeline.

18. I hereby certify that the foregoing is true and correct

SIGNED

Jim Hendricks
JIM HENDRICKS

TITLE

PRODUCTION ENGINEER

DATE

5-1-89

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

IRREVOCABLE STANDBY LETTER OF CREDIT 10384

MAY 12, 1989

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
3 TRIAD CENTER #350
355 W. N. TEMPLE
SALT LAKE CITY, UTAH 84180-1203

GENTLEMEN:

WE HEREBY ESTABLISH OUR IRREVOCABLE STANDBY LETTER OF CREDIT IN FAVOR OF THE DIRECTOR OF THE DIVISION OF OIL, GAS AND MINING OF THE STATE OF UTAH FOR THE ACCOUNT OF MCKENZIE PETROLEUM COMPANY, 5847 SAN FELIPE ROAD, SUITE 4300, HOUSTON, TEXAS 77057 FOR THE AGGREGATE AMOUNT OF U S DOLLARS EIGHTY THOUSAND AND NO/100) (\$80,000.00) AVAILABLE BY YOUR DRAFTS AT SIGHT ON THE DEPOSIT INSURANCE BRIDGE BANK, N.A. WHEN DRAWN IN ACCORDANCE WITH THE TERMS AND ACCOMPANIED BY THE DOCUMENTS LISTED UNDER PART C BELOW:

A. THIS LETTER OF CREDIT IS ISSUED BECAUSE THE OPERATOR IS OR WILL BE ENGAGED IN DRILLING, REDRILLING, DEEPENING, REPAIRING, OPERATING AND PLUGGING AND ABANDONMENT A WELL OR WELLS AND RESTORING THE WELL SITE OR SITES IN THE STATE OF UTAH FOR THE PURPOSES OF OIL OR GAS PRODUCTION AND/OR THE INJECTION AND DISPOSAL OF FLUIDS IN CONNECTION THEREWITH FOR THE FOLLOWING DESCRIBED LAND OR WELL:

----- BLANKET BOND: TO COVER ALL WELLS DRILLED IN THE STATE OF UTAH:

----- INDIVIDUAL BOND: WELL NO.-----

SECTION-----TOWNSHIP-----RANGE-----

-----COUNTY, UTAH

B. THIS LETTER OF CREDIT IS SPECIALLY ISSUED AT THE REQUEST OF THE OPERATOR AS GUARANTY THAT THIS FUND WILL BE AVAILABLE DURING THE TIME THAT THE WELLS REFERENCED ABOVE ARE ACTIVE. WE ARE NOT A PARTY TO NOR BOUND BY, THE TERMS OF ANY AGREEMENT BETWEEN YOU AND THE OPERATOR OUT OF WHICH THIS LETTER OF CREDIT MAY ARISE.

C. DRAFTS DRAWN UNDER THIS LETTER OF CREDIT MUST BE ACCOMPANIED BY AN AFFIDAVIT FROM THE DIRECTOR OF THE DIVISION OF OIL, GAS AND MINING STATING THAT:

1. ANY WELL SUBJECT TO THE LETTER OF CREDIT IS DEEMED NECESSARY FOR PLUGGING AND ABANDONMENT AND THE OPERATOR HAS NOT FULFILLED SUCH OBLIGATION UNDER THE OIL AND GAS CONSERVATION GENERAL RULES OF THE STATE OF UTAH.
2. THE DRAFT IS IN THE ESTIMATED COST OF PLUGGING EACH WELL SUBJECT TO THE LETTER OF CREDIT UP TO THE AGGREGATE AMOUNT OF THE LETTER OF CREDIT.

WE WILL BE ENTITLED TO RELY UPON THE STATEMENTS CONTAINED IN THE AFFIDAVIT AND WILL HAVE NO OBLIGATION TO INDEPENDENTLY VERIFY ANY STATEMENTS CONTAINED THEREIN.

DATE: 05/18/90

F E E L E A S E S B Y O P E R A T O R

PAGE: 17

ACCT NUM	COMPANY NAME	WELL NAME	TOWN SHIP	RANGE	SEC	Q-Q	STATUS	API NUMBER	PROD ZONE
N9523	LINMAR PETROLEUM COM	ELLSWORTH #2-9B4	S020	W040	9	NESW	POW	4301331138	WSTC
		CHRISTENSEN #3-4B4	S020	W040	4	SWSE	POW	4301331142	WSTC
		CHASEL-HACKFORD 2-10-A1E	S010	E010	10	SESE	POW	4304731421	GR-WS
		CHASEL-HACKFORD #2-10A1E	S010	E010	10	SESE	TA	4304731421	WSTC
		MOON 1-23Z1	N010	W010	23	NESW	POW	4304731479	WSTC
N0580	LOMAX EXPLORATION CO	NEIGHBORHOOD HOUSE #6-6	S050	W040	6	SENW	PA	4301330981	
		LITTAUER FOUNDATION #1	S050	E020	4	NWSW	LA	4304731382	
N0590	LUFF EXPLORATION COM	MCCONKIE COMM FEE #1	S060	E210	27	NWSE	PA	4304720282	UNTA
		MCCONKIE #2	S070	E210	5	NENW	PA	4304730071	
N0600	MAPCO OIL & GAS COMP	DENNIE RALPHS #1-5	S010	W030	5	SWNE	PA	4301330165	GRRV
		DENNIE RALPHS #1-5	S010	W030	5	SWNE	PA	4301330165	WSTC
		DENNIE RALPHS #1-6	S010	W030	6	SWNE	PA	4301330166	WSTC
		FISHER #1-12	S010	W040	12	NWNE	PA	4301330279	WSTC
		FISHER #1-12	S010	W040	12	NWNE	PA	4301330279	GRRV
N6950	MAPP EXPLORATION	FROST #1-18	S340	E250	18	SENE	PA	4303730761	
		REDD #2-18	S340	E250	18	NESE	PA	4303730771	
		MAPP 1-17	S340	E250	17	NWNW	PA	4303730773	
N9675	MASTER PET & DEVEL C	VANOVER FEE #2	S210	E230	24	SENE	SGW	4301931105	MRSN
		FRAZIER 15-1	S210	E230	15	SWNE	SOW	4301931189	MR-SW
		FRAZIER #15-2	S210	E230	15	SWNE	LA	4301931198	
PO294	MAYO-UTAH OIL CO	MAYO-UTAH OIL CO #1	S040	E210	22	SWNW	PA	4304720386	
N0090	MCKENZIE PETROLEUM C	THOMAS HALL FEE 1	S050	E220	23	SESW	POW	4304715591	WEBR
		THOMAS HALL FEE 2	S050	E220	23	SESW	POW	4304715592	WEBR
		THOMAS E. HALL #3	S050	E220	23	SESE	POW	4304715593	WEBR
		THOMAS E. HALL #4	S050	E220	23	SESE	POW	4304715594	WEBR
		THOMAS E. HALL #5S	S050	E220	23	SESW	POW	4304715595	ENRD
N2450	MEZO, J.D.	J.D. STATE #1	S210	E230	25	NWNE	LA	4301930245	
		VANOVER #2	S210	E230	24	SWNW	PA	4301930247	
		J.D.M. VANOVER #3	S210	E240	19	SWNW	PA	4301930400	
PO629	MICH-WISC PIPELINE C	WEBER COAL COMPANY 13-3	N020	E050	3	NWSW	PA	4304330024	
PO547	MIDWAY PETROLEUM CO	FEE #3	S410	W120	13	NWSW	PA	4305310326	
N2590	MILAGRO ENERGY RESOU	MILLER CREEK CHERITTA #2	S150	E100	22	NENW	LA	4300730064	
		CHIARETTA #3	S150	E100	22	NENE	PA	4300730077	FRSD
PO584	MILLER & TAYLOR	FEE #3	S410	W120	23	NWNE	PA	4305310730	
PO116	MINTON, JOSEPH A	SNOW-FEE #1	S190	E080	9	SENE	PA	4301510731	
		WILBERG-FEE #1	S180	E080	12	SENW	PA	4301510732	
		WILBERG FEE #1-X	S180	E080	12	SENW	PA	4301510733	
PO295	MIRACLE & WOOSTER DR	L D S #1	S040	E210	36	SESW	PA	4304710734	
N3790	MOBIL OIL CORPORATIO	GREGORY ET AL FEE #1	N030	E160	21	SWSW	PA	4304310743	
PO020	MOHAWK PETROLEUM CO	FEE #1	S410	W120	23	NWNW	PA	4305320474	
N0660	MONCRIEF OIL	ROWLEY #2-1	S040	W060	2	SENW	PA	4301330467	WSTC
		PENDER #8-1	S040	W060	8	NENE	PA	4301330471	WSTC
PO601	MONTGOMERY & JEFFRIE	FEE #1	S430	W120	0		PA	4305320518	
PO400	MOORE, JOHN W	HANSON FEE #1	S210	E230	24	SENE	PA	4301920287	
		VANOVER FEE #1	S210	E230	24	SENE	PA	4301930012	
N0680	MOUNTAIN FUEL SUPPLY	SUNNYSIDE UNIT #1	S150	E130	17	NWSE	PA	4300730012	
		HUNTINGTON CANYON FEE #1	S170	E080	8	SENE	PA	4301530002	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-0799

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL ☐ GAS ☒ OTHER

2. NAME OF OPERATOR
MAXUS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
P. O. BOX 1669, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with State requirements.
See also space 17 below.)
At surface

522' FSL & 522' FEL

14. PERMIT NO.
43-047-31806

15. ELEVATIONS (Show whether by, etc.)
5773' GR

RECEIVED
JUL 10 1989

DIVISION OF
OIL, GAS & MINING

7. UNIT AGREEMENT NAME

ROCKHOUSE UNIT

8. FARM OR LEASE NAME

ROCKHOUSE

9. WELL NO.

44-14

10. FIELD AND POOL, OR WILDCAT

ROCKHOUSE

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SEC. 14, T11S, R23E

12. COUNTY OR PARISH 13. STATE

UTAH

UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

Dispose into unlined Pit XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MAXUS EXPLORATION COMPANY respectfully requests permission to dispose of produced water into an unlined pit under NTL 2-B, Section IV, exception 4.

1. Daily quantity of produced water does not exceed 5 bbl/day. Water produced is from the Wasatch formation.
2. See attached topo map. The size of the pit is approximately 15' x 15' x 5' deep.
3. Evaporation rate for the area, compensated for annual rainfall, is 50 inches/year.
4. Estimated percolation rate for the area is 5 bbl./day.
5. Depth and areal extent of usable water containing less than 10,000 ppm TDS is unknown.

If producing pressure decreases to the point where water production exceeds 5 bbl/day, the water will be hauled to and disposed of at the Graham disposal well at Redwash. At such time the BLM will be notified of the change.

18. I hereby certify that the foregoing is true and correct

SIGNED

Jim Hendricks
Jim Hendricks

TITLE Production Engineer

DATE 6-7-89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRI-TE*
(Other instruction on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME SEE ATTACHMENT
2. NAME OF OPERATOR MAXUS EXPLORATION COMPANY		8. FARM OR LEASE NAME SEE ATTACHMENT
3. ADDRESS OF OPERATOR P. O. BOX 1669, VERNAL, UTAH 84078		9. WELL NO. SEE ATTACHMENT
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SEE ATTACHMENT		10. FIELD AND POOL, OR WILDCAT SEE ATTACHMENT
14. PERMIT NO. SEE ATTACHMENT		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEE ATTACHMENT
15. ELEVATIONS (Show whether DF, RT, OR, etc.) SEE ATTACHMENT		12. COUNTY OR PARISH UINTAH
		13. STATE UTAH

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input checked="" type="checkbox"/>
(Other)	SELL WELLS		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

MAXUS EXPLORATION COMPANY respectfully wishes to inform the BLM of our recent sale of the Rainbow Unit #1, #2A, #4, and the Rockhouse Unit #1, #3, #4, #44-14, #5A and #8 to McKenzie Petroleum. The effective date of this sale was September 1, 1989.

OIL AND GAS	
ORN	RJF
JF3	GLH
DTS	SLS
1-TAS	
2-DTS	
3-	MICROFILM ✓
4-	FILE

18. I hereby certify that the foregoing is true and correct

SIGNED Rodney Brewer
RODNEY BREWER
(This space for Federal or State office use)

TITLE ENGINEER

DATE 10-5-89

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

WELL NAME & NUMBER	LEASE & FORMATION	LOCATION	ELEVATION	API NUMBER
RAINBOW UNIT #1	U-017403 WASATCH	2310' FSL & 2410' FWL Sec. 8, T11S, R24E	5258' GR	43-047-15805
RAINBOW UNIT #2-A	U-017664 MESA VERDE	2238' FSL & 2000' FWL Sec. 19, T11S, R24E	5447' GR	43-047-15806
RAINBOW UNIT #4	U-017664A	1628' FSL & 1868' FWL Sec. 1, T11S, R23E	5567' GR	43-047-15807
ROCKHOUSE UNIT #1	U-0779 WASATCH	995' FSL & 721' FWL Sec. 10, T11S, R23E	5849' GR	43-047-15809
ROCKHOUSE UNIT #3	U-0778 MESA VERDE	1653' FSL & 1286' FWL Sec. 11, T11S, R23E	5988' GR	43-047-15810
ROCKHOUSE #4	U-0779 WASATCH	2587' FNL & 1866' FWL Sec. 9, T11S, R23E	5833' GR	43-047-15811
ROCKHOUSE #44-14	U-0799 WASATCH	522' FSL & 522' FWL Sec. 14, T11S, R23E	5773' GR	43-047-31806
ROCKHOUSE UNIT #5A	U-0799 WASATCH	380' FWL & 1972' FWL Sec. 13, T11S, R23E	5607' GR	43-047-15812
ROCKHOUSE UNIT #8	U-0780 WASATCH	1159' FWL & 1367' FNL Sec. 23, T11S, R23E	5849' GR	43-047-15815

RECEIVED
OCT 10 1989

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0034
Expires: August 31, 1989

ASSIGNMENT OF RECORD TITLE INTEREST IN A
LEASE FOR OIL AND GAS OR GEOTHERMAL RESOURCES

Mineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)
Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)

Lease Serial No.

Lease Effective Date
(Anniversary Date)

New Serial No.

Type or print plainly in ink and sign in ink.

PART A: ASSIGNMENT

1. Assignee* MCKENZIE PETROLEUM COMPANY
Street 1625 Broadway, Suite 2580
City, State, ZIP Code Denver, CO 80202

*If more than one assignee, check here ☐ and list the name(s) and address(es) of all additional assignees on the reverse of this form or on a separate attached sheet of paper.

This record title assignment is for: (Check one) ☒ Oil and Gas Lease, or ☐ Geothermal Lease

Interest conveyed: (Check one or both, as appropriate) ☒ Record Title, ☐ Overriding Royalty, payment out of production or other similar interests or payments

2. This assignment conveys the following interest:

Land Description <small>Additional space on reverse, if needed. Do not submit documents or agreements other than this form; such documents or agreements shall only be referenced herein.</small>	Percent of Interest			Percent of Overriding Royalty or Similar Interests	
	Owned	Conveyed	Retained	Reserved	Previously reserved or conveyed
a	b	c	d	e	f
SEE EXHIBIT "A" ATTACHED HERETO FOR DESCRIPTIONS OF THE LEASES, LANDS AND INTERESTS BEING CONVEYED.					

STATE OF UTAH)
COUNTY OF SALT LAKE) ss.

On this day of OCT 11 1989, before me appeared Robert Lopez, to me personally known, who being by me duly sworn did say that he is Chief of the Minerals Adjudication Section, Bureau of Land Management, and that the original of the foregoing instrument was signed on behalf of said Bureau, and that he acknowledged said instrument to be the free and voluntary act of said Bureau.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the month, day, and year first above written.

James Cunningham
Notary Public
324 South State Street, Suite 301
Salt Lake City, Utah 84111-2303

My Commission Expires: APR 28 1991

UT 3100-82a (3/80)

RECEIVED
OCT 16 1989

PAPERWORK REDUCTION ACT STATEMENT

1. This information is being collected pursuant to the law.
2. This information will be used to create and maintain a record of oil and gas/geothermal lease activity.
3. Response to this request is required to obtain benefit.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this oil and gas/geothermal lease record title assignment application.

AUTHORITY: 30 U.S.C. 181 et seq; 30 U.S.C. 1001-1025; 42 U.S.C. 6508

PRINCIPAL PURPOSE--The information is to be used to process record title assignments for oil and gas/geothermal resources leases.

ROUTINE USE

- (1) The adjudication of the assignee's rights to the land or resources.
- (2) Documentation for public information in support of notations made on land status records for the management, disposal, and use of public lands and resources.
- (3) Transfer to appropriate Federal agencies when concurrence is required prior to granting a right in public lands or resources.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION--If all requested information is not provided, the assignment may not be approved. See regulations at 43 CFR Groups 3100 and 3200.

Tear

Tear

Tear

Part A (Continued): ADDITIONAL SPACE for Names and addresses of additional assignees in Item No. 1, if needed, or for Land Description in Item No. 2, if needed.

This Assignment of Record Title Interest is expressly made subject to all of the terms and provisions of that certain Purchase and Sale Agreement dated August 20, 1989 between Assignor and Assignee.

As between Assignor and Assignee, this Assignment of Record Title Interest shall be effective September 1, 1989 at 7:00 a.m., C.D.T.

PART B: CERTIFICATION AND REQUEST FOR APPROVAL

1. The assignor certifies as owner of an interest in the above designated lease that he/she hereby assigns to the above assignee(s) the rights specified above.
2. Assignee certifies as follows: (a) Assignee is a citizen of the United States; an association of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or territory thereof. For the assignment of NPR-A leases, assignee is a citizen, national, or resident alien of the United States or association of such citizens, nationals, resident aliens or private, public or municipal corporations; (b) Assignee is not considered a minor under the laws of the State in which the lands covered by this assignment are located; (c) Assignee's chargeable interests, direct and indirect, in either public domain or acquired lands, do not exceed 200,000 acres in oil and gas options or 246,080 in oil and gas leases in the same State, or 300,000 acres in leases and 200,000 acres in options in each leasing District in Alaska, if this is an oil and gas lease issued in accordance with the Mineral Leasing Act of 1920 or 51,200 acres in any one State if this is a geothermal lease; (d) All parties holding an interest in the assignment are otherwise in compliance with the regulations (43 CFR Group 3100 or 3200) and the authorizing Acts; (e) Assignee is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 17(g) of the Mineral Leasing Act; and (f) Assignee is not in violation of sec. 41 of the Mineral Leasing Act.
3. Assignee's signature to this assignment constitutes acceptance of all applicable terms, conditions, stipulations and restrictions pertaining to the lease described herein. For geothermal assignments, an overriding royalty may not be less than one-fourth (1/4) of one percent of the value of output, nor greater than 50 percent of the rate of royalty due to the United States when this assignment is added to all previously created overriding royalties (43 CFR 3241).

I certify that the statements made herein by me are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Executed this 15 day of September, 1989

Executed this 20th day of September, 1989

Name of Assignor as shown on current lease MAXUS EXPLORATION COMPANY
Please type or print

MCKENZIE PETROLEUM COMPANY

Assignor
or
Attorney-in-fact (Signature)

Assignee
or
Attorney-in-fact (Signature)

Austin Murr (Signature) Attorney-in-Fact

McKenzie (Signature)

P. O. Box 400
(Assignor's Address)

Amarillo Texas 79188
(City) (State) (Zip Code)

Title 18 U.S.C. Sec. 1001 makes it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

EXHIBIT "A"

To Assignment of Record Title Interest from
 MAXUS EXPLORATION COMPANY, Assignor, to
 MCKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
U-0326	3-1-51	<u>Township 11 South, Range 24 East</u> Section 17: Lots 1, 2, S/2 NW Section 18: E/2 NE 199.69 acres, M/L	100%	100%	-0-	-0-	10%
U-0529	4-1-51	<u>Township 11 South, Range 24 East</u> Section 18: Lots 1-4, E/2 W/2, W/2 NE, SE Section 19: NE 699.56 acres, M/L	100%	100%	-0-	-0-	unknown
✓ U-0778	3-1-51	<u>Township 11 South, Range 23 East</u> Section 4: All Section 11: All Section 12: W/2 SW 1,428.36 acres, M/L	62.5%	62.5%	-0-	-0-	3%

EXHIBIT "A"

To Assignment of Record Title Interest from
MAXUS EXPLORATION COMPANY, Assignor, to
McKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
✓ U-0779	3-1-51	Township 11 South, Range 23 East Section 9: All Section 10: All Section 13: Lots 2-4, SWNE, W/2 SE, SW, S/2 NW, NWNW Section 14: All 2,442.09 acres, M/L	62.5%	62.5%	-0-	-0-	3%
✓ U-0780	3-1-51	Township 11 South, Range 23 East Section 15: E/2 E/2, NWNE, NW, NWSW Section 23: NE, E/2 NW, NESW, N/2 SE Section 24: N/2 1,080.00 acres, M/L	62.5%	62.5%	-0-	-0-	3%
U-016788	12-1-55	Township 11 South, Range 23 East Section 21: SE 160.00 acres, M/L	100%	100%	-0-	-0-	5%

EXHIBIT "A"

To Assignment of Record Title Interest from
 MAXUS EXPLORATION COMPANY, Assignor, to
 MCKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
✓ U-017403	3-1-56	<u>Township 11 South, Range 24 East</u> Section 7: Lots 5, 10, 11 Section 8: Lots 1-7, NENE, N/2 SW, W/2 SE, SESE, SWNW 635.48 acres, M/L	100%	100%	-0-	-0-	10%
✓ U-017664-A	4-1-56	<u>Township 11 South, Range 23 East</u> Section 1: Lots 10-17, S/2 NW, N/2 SE, SESE Section 12: Lots 1-4, SWNE, NENW 558.39 acres, M/L	100%	100%	-0-	-0-	10%
✓ U-018859	8-1-56	<u>Township 11 South, Range 24 East</u> Section 19: Lots 1-4, E/2 W/2, SE 460.08 acres, M/L	100%	100%	-0-	-0-	10%

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO.
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Change Of Operator - Mass Transfer		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR		8. FARM OR LEASE NAME
McKenzie Petroleum Company		9. WELL NO.
3. ADDRESS OF OPERATOR		10. FIELD AND POOL, OR WILDCAT
1625 Broadway, Suite 2580, Denver, CO. 80202		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface At proposed prod. zone See Attachments.		
14. API NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY
		Uintah
		13. STATE
		Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <u>Change of Operator</u>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START <u>8-20-89</u>		DATE OF COMPLETION <u>9-1-89</u>	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Please Note: Change Of Operator via Mass Transfer between Maxus Exploration Company and McKenzie Petroleum Company effective September 1, 1989 at 7:00 A.M., C.D.T.

Mass Transfer locations and descriptions attached along with BLM approval.

18. I hereby certify that the foregoing is true and correct

SIGNED Howard W. Dennis TITLE Vice President DATE 10-17-89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0034
Expires: August 31, 1989

ASSIGNMENT OF RECORD TITLE INTEREST IN A
LEASE FOR OIL AND GAS OR GEOTHERMAL RESOURCES

Mineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)
Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)

Lease Serial No.

Lease Effective Date
(Anniversary Date)

New Serial No.

Type or print plainly in ink and sign in ink.

PART A: ASSIGNMENT

1. Assignee* MCKENZIE PETROLEUM COMPANY
Street 1625 Broadway, Suite 2580
City, State, ZIP Code Denver, CO 80202

*If more than one assignee, check here ☐ and list the name(s) and address(es) of all additional assignees on the reverse of this form or on a separate attached sheet of paper.

This record title assignment is for: (Check one) ☒ Oil and Gas Lease, or ☐ Geothermal Lease

Interest conveyed: (Check one or both, as appropriate) ☒ Record Title, ☐ Overriding Royalty, payment out of production or other similar interests or payments

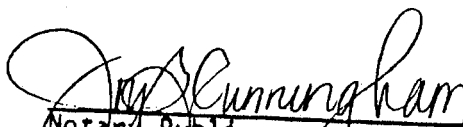
2. This assignment conveys the following interest:

Land Description <small>Additional space on reverse, if needed. Do not submit documents or agreements other than this form; such documents or agreements shall only be referenced herein.</small>	Percent of Interest			Percent of Overriding Royalty or Similar Interests	
	Owned	Conveyed	Retained	Reserved	Previously reserved or conveyed
a	b	c	d	e	f
SEE EXHIBIT "A" ATTACHED HERETO FOR DESCRIPTIONS OF THE LEASES, LANDS AND INTERESTS BEING CONVEYED.					

STATE OF UTAH)
COUNTY OF SALT LAKE) ss.

On this day of OCT 11 1989, before me appeared Robert Lopez, to me personally known, who being by me duly sworn did say that he is Chief of the Minerals Adjudication Section, Bureau of Land Management, and that the original of the foregoing instrument was signed on behalf of said Bureau, and that he acknowledged said instrument to be the free and voluntary act of said Bureau.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the month, day, and year first above written.


Notary Public
324 South State Street, Suite 301
Salt Lake City, Utah 84111-2303

My Commission Expires: APR 28 1991

RECEIVED
OCT 16 1989

PAPERWORK REDUCTION ACT STATEMENT

1. This information is being collected pursuant to the law.
2. This information will be used to create and maintain a record of oil and gas/geothermal lease activity.
3. Response to this request is required to obtain benefit.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this oil and gas/geothermal lease record title assignment application.

AUTHORITY: 30 U.S.C. 181 et seq; 30 U.S.C. 1001-1025; 42 U.S.C. 6508

PRINCIPAL PURPOSE—The information is to be used to process record title assignments for oil and gas/geothermal resources leases.

ROUTINE USE

- (1) The adjudication of the assignee's rights to the land or resources.
- (2) Documentation for public information in support of notations made on land status records for the management, disposal, and use of public lands and resources.
- (3) Transfer to appropriate Federal agencies when concurrence is required prior to granting a right in public lands or resources.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION—If all requested information is not provided, the assignment may not be approved. See regulations at 43 CFR Groups 3100 and 3200.

Tear

Tear

Tear

Part A (Continued): ADDITIONAL SPACE for Names and addresses of additional assignees in Item No. 1, if needed, or for Land Description in Item No. 2, if needed.

This Assignment of Record Title Interest is expressly made subject to all of the terms and provisions of that certain Purchase and Sale Agreement dated August 20, 1989 between Assignor and Assignee.

As between Assignor and Assignee, this Assignment of Record Title Interest shall be effective September 1, 1989 at 7:00 a.m., C.D.T.

PART B: CERTIFICATION AND REQUEST FOR APPROVAL

1. The assignor certifies as owner of an interest in the above designated lease that he/she hereby assigns to the above assignee(s) the rights specified above.
2. Assignee certifies as follows: (a) Assignee is a citizen of the United States; an association of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or territory thereof. For the assignment of NPR-A leases, assignee is a citizen, national, or resident alien of the United States or association of such citizens, nationals, resident aliens or private, public or municipal corporations. (b) Assignee is not considered a minor under the laws of the State in which the lands covered by this assignment are located; (c) Assignee's chargeable interests, direct and indirect, in either public domain or acquired lands, do not exceed 200,000 acres in oil and gas options or 246,080 in oil and gas leases in the same State, or 300,000 acres in leases and 200,000 acres in options in each leasing District in Alaska, if this is an oil and gas lease issued in accordance with the Mineral Leasing Act of 1920 or 51,200 acres in any one State if this is a geothermal lease; (d) All parties holding an interest in the assignment are otherwise in compliance with the regulations (43 CFR Group 3100 or 3200) and the authorizing Acts; (e) Assignee is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 17(g) of the Mineral Leasing Act; and (f) Assignee is not in violation of sec. 41 of the Mineral Leasing Act.
3. Assignee's signature to this assignment constitutes acceptance of all applicable terms, conditions, stipulations and restrictions pertaining to the lease described herein.

For geothermal assignments, an overriding royalty may not be less than one-fourth (1/4) of one percent of the value of output, nor greater than 50 percent of the rate of royalty due to the United States when this assignment is added to all previously created overriding royalties (43 CFR 3241).

I certify that the statements made herein by me are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Executed this 15 day of September, 19 89

Executed this 20th day of September, 19 89

Name of Assignor as shown on current lease MAXUS EXPLORATION COMPANY
Please type or print

McKENZIE PETROLEUM COMPANY

Assignor (Signature)
or (Signature)

Assignee Howard W. Dennis
or (Signature)

Attorney-in-fact Austin Murr
(Signature) Attorney-in-Fact (Signature)

Attorney-in-fact Vic. President
(Signature) Attorney-in-Fact (Signature)

P. O. Box 400
(Assignor's Address)

Amarillo Texas 79188
(City) (State) (Zip Code)

Title 18 U.S.C. Sec. 1001 makes it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

EXHIBIT "A"

To Assignment of Record Title Interest from
MAXUS EXPLORATION COMPANY, Assignor, to
McKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
U-0326	3-1-51	<u>Township 11 South, Range 24 East</u> Section 17: Lots 1, 2, S/2 NW Section 18: E/2 NE 199.69 acres, M/L	100%	100%	-0-	-0-	10%
U-0529	4-1-51	<u>Township 11 South, Range 24 East</u> Section 18: Lots 1-4, E/2 W/2, W/2 NE, SE Section 19: NE 699.56 acres, M/L	100%	100%	-0-	-0-	unknown
✓ U-0778	3-1-51	<u>Township 11 South, Range 23 East</u> Section 4: All Section 11: All Section 12: W/2 SW 1,428.36 acres, M/L	62.5%	62.5%	-0-	-0-	3%

EXHIBIT "A"

To Assignment of Record Title Interest from
 MAXUS EXPLORATION COMPANY, Assignor, to
 MCKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
✓ U-0779	3-1-51	Township 11 South, Range 23 East Section 9: All Section 10: All Section 13: Lots 2-4, SWNE, W/2 SE, SW, S/2 NW, NWNW Section 14: All 2,442.09 acres, M/L	62.5%	62.5%	-0-	-0-	3%
✓ U-0780	3-1-51	Township 11 South, Range 23 East Section 15: E/2 E/2, NWNE, NW, NWSW Section 23: NE, E/2 NW, NESW, N/2 SE Section 24: N/2 1,080.00 acres, M/L	62.5%	62.5%	-0-	-0-	3%
U-016788	12-1-55	Township 11 South, Range 23 East Section 21: SE 160.00 acres, M/L	100%	100%	-0-	-0-	5%

EXHIBIT "AM"

To Assignment of Record Title Interest from
 MAXUS EXPLORATION COMPANY, Assignor, to
 MCKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
✓ U-017403	3-1-56	<u>Township 11 South, Range 24 East</u> Section 7: Lots 5, 10, 11 Section 8: Lots 1-7, NENE, N/2 SW, W/2 SE, SESE, SWNW 635.48 acres, M/L	100%	100%	-0-	-0-	10%
✓ U-017664-A	4-1-56	<u>Township 11 South, Range 23 East</u> Section 1: Lots 10-17, S/2 NW, N/2 SE, SESE Section 12: Lots 1-4, SWNE, NENW 558.39 acres, M/L	100%	100%	-0-	-0-	10%
U-018859	8-1-56	<u>Township 11 South, Range 24 East</u> Section 19: Lots 1-4, E/2 W/2, SE 460.08 acres, M/L	100%	100%	-0-	-0-	10%

RECEIVED
OCT 19 1989

DIVISION OF
OIL, GAS & MINING

Page 4 of 4

EXHIBIT "A"

To Assignment of Record Title Interest from
MAXUS EXPLORATION COMPANY, Assignor, to
McKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
✓ U-036414	9-1-59	<u>Township 11 South, Range 24 East</u> Section 8: Lot 9 7.12 acres, M/L	100%	100%	-0-	-0-	10%
✓ U-062420	3-1-51	<u>Township 11 South, Range 23 East</u> Section 12: S/2 NW, NWNW 120.00 acres, M/L	62.5%	62.5%	-0-	-0-	3%
✓ U-070535-E	1-1-51	<u>Township 11 South, Range 24 East</u> Section 8: Lots 8 and 10 62.63 acres, M/L	100%	100%	-0-	-0-	10%
✓ U-070536-B	2-1-51	<u>Township 11 South, Range 23 East</u> Section 1: Lot 9, SWNE 71.93 acres, M/L	100%	100%	-0-	-0-	9%

All in Uintah County, Utah

exhibitA.doc

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION & SERIAL NO. U-0799
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -
2. NAME OF OPERATOR McKenzie Petroleum Co.		7. UNIT AGREEMENT NAME Rockhouse Unit
3. ADDRESS OF OPERATOR 1625 Broadway, Suite 2580, Denver, Co. 80202		8. FARM OR LEASE NAME Rockhouse Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 522 FSL, 522 FEL SE $\frac{1}{4}$ SE $\frac{1}{4}$ At proposed prod. zone Same		9. WELL NO. #44-14
14. API NO. 43-047-31806		10. FIELD AND POOL, OR WILDCAT Wasatch
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5773		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14-T11S-R23E
12. COUNTY Uintah		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
(Other) Continued Abandonment <input checked="" type="checkbox"/>		DATE OF COMPLETION _____	
APPROX. DATE WORK WILL START _____			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

The above referenced well is still shut-in to date. When economic conditions warrant resumed production, you will be notified immediately.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2- MICROFILM <input checked="" type="checkbox"/>	
3- FILE <input checked="" type="checkbox"/>	

18. I hereby certify that the foregoing is true and correct

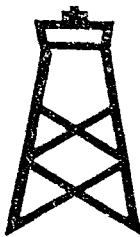
SIGNED Sam Cady TITLE Technician DATE 12-18-89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side



McKenzie Production Company

July 10, 1990

RECEIVED
JUL 16 1990

State of Utah
Department of Natural Resources
Oil & Gas Mining
355 W. N. Temple, Ste. 350
Salt Lake City, Utah 84180

DIVISION OF
OIL, GAS & MINING

RE: Operator Name Change

Gentlemen:

Enclosed are Sundry Notices for operator name change and address change. This name change is a change in name only and not an actual change of operator. Changes in our personnel have resulted in moving the production/regulatory from our office in Denver to the "home office" located in Houston.

All future correspondence should be forwarded to the Houston Office located at the following address:

7880 San Felipe Rd., Suite 100
Houston, Texas 77063

If you have any questions or need any additional information concerning this change, please do not hesitate to call our Houston Office at area code 713/783 4300. Thank you for your cooperation and assistance with this change.

Sincerely,

Brenda

Brenda Mabry

:BJM

Encl.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-0799
2. NAME OF OPERATOR McKenzie Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 7880 San Felipe Rd., Suite 100, Houston, Texas 77063		7. UNIT AGREEMENT NAME Rockhouse Uint
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 522 FSL, 522 FWL SE $\frac{1}{4}$, SE $\frac{1}{4}$		8. FARM OR LEASE NAME Rockhouse Unit
14. API NUMBER 43-047-31806		9. WELL NO. #44-14
15. ELEVATIONS (Show whether OF, RT, GR, etc.) GR 5773		10. FIELD AND POOL, OR WILDCAT Wasatch
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 14-T11S R23E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Change operator name & Address</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

EFFECTIVE 6/1/90
Change of Operator Name From McKenzie Petroleum Company to
McKenzie Production Company.
Change Address from 1625 Broadway, Suite 2580, Denver, Colo 80202 to
7880 San Felipe Rd., Suite 100, Houston, Texas 77063

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda Mabry TITLE Engineering Assistant DATE 7/2/90
BRENDA MABRY

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-
2-
3-
4-
5-
6-

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold)
- ☐ Designation of Operator
- ☐ Designation of Agent
- ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 6-1-90)

TO (new operator)	MCKENZIE PRODUCTION COMPANY	FROM (former operator)	MCKENZIE PETROLEUM COMPANY
(address)	CONTINUED--	(address)	
phone ()		phone ()	
account no. N		account no. N	

Well(s) (attach additional page if needed):

Name: ROCKHOUSE UNIT #8 WSTC	API: 4304715815	Entity: 02025	Sec 23	Twp 11S	Rng 23E	Lease Type: U-0780
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:

OPERATOR CHANGE DOCUMENTATION

1.

(Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
2.

(Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
3.

The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) If yes, show company file number:
4.

(For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5.

Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
6.

Cardex file has been updated for each well listed above.
7.

Well file labels have been updated for each well listed above.
8.

Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
9.

A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

1-

2-

3-

4-

5-

6-

☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

- OVER -

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- HCR	<i>[initials]</i>
2- DTS	<i>[initials]</i>
3- VLC	<i>[initials]</i>
4- RJF	<i>[initials]</i>
5- RWM	<i>[initials]</i>
6- LCR	<i>[initials]</i>

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ ~~XXX~~ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 6-1-90)

TO (new operator) <u>MCKENZIE PRODUCTION COMPANY</u>	FROM (former operator) <u>MCKENZIE PETROLEUM COMPANY</u>
(address) <u>7880 SAN FELIPE RD, #100</u>	(address) <u>7880 SAN FELIPE RD, #100</u>
<u>HOUSTON, TX 77063</u>	<u>HOUSTON, TX 77063</u>
phone <u>(713) 783-4300</u>	phone <u>(713) 783-4300</u>
account no. <u>N0095</u>	account no. <u>N0090</u>

Well(s) (attach additional page if needed):

Name: <u>THOMAS E. HALL #3 WEBB</u> API: <u>4304715593</u>	Entity: <u>00615</u>	Sec <u>23</u> Twp <u>5S</u> Rng <u>22E</u>	Lease Type: <u>FEE</u>
Name: <u>THOMAS E. HALL #4 WEBB</u> API: <u>4304715594</u>	Entity: <u>00615</u>	Sec <u>23</u> Twp <u>5S</u> Rng <u>22E</u>	Lease Type: <u>FEE</u>
Name: <u>THOMAS HALL FEE 1 WEBB</u> API: <u>4304715591</u>	Entity: <u>00620</u>	Sec <u>23</u> Twp <u>5S</u> Rng <u>22E</u>	Lease Type: <u>FEE</u>
Name: <u>THOMAS HALL FEE 2 WEBB</u> API: <u>4304715592</u>	Entity: <u>00620</u>	Sec <u>23</u> Twp <u>5S</u> Rng <u>22E</u>	Lease Type: <u>FEE</u>
Name: <u>THOMAS E. HALL #5S ENRD</u> API: <u>4304715595</u>	Entity: <u>00620</u>	Sec <u>23</u> Twp <u>5S</u> Rng <u>22E</u>	Lease Type: <u>FEE</u>
Name: <u>RAINBOW UNIT 2A GPRV</u> API: <u>4304715806</u>	Entity: <u>01350</u>	Sec <u>18</u> Twp <u>11S</u> Rng <u>24E</u>	Lease Type: <u>U-0529</u>
Name: <u>RAINBOW UNIT #4 WSTC</u> API: <u>4304715807</u>	Entity: <u>01355</u>	Sec <u>1</u> Twp <u>11S</u> Rng <u>23E</u>	Lease Type: <u>U-017664</u>

CONTINUED--

OPERATOR CHANGE DOCUMENTATION

- [initials]* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- N/A* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (*name change only*)
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: ____.
- [initials]* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- [initials]* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
- [initials]* 6. Cardex file has been updated for each well listed above.
- [initials]* 7. Well file labels have been updated for each well listed above.
- [initials]* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- [initials]* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) NO (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

* See Comments below (will put copy in suspense & follow-up)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) NO. Today's date July 25, 1990. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

MICROFILMING

1. All attachments to this form have been microfilmed. Date: August 7 1990.

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

3-90 Btm / Beane Paperwork should go through State Office first, then to them. Will call! (Have not received as of yet)
 3-90 McKenzie Prod. Co. / Brenda Mabry will send IOLOC "Rider" adding McKenzie Prod. Co. to original bond. (They are operating under both names)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

CHRISTINE SEVERNS
MCKENZIE PRODUCTION CO
7880 SAN FELIPE #100
HOUSTON TX 77063

UTAH ACCOUNT NUMBER: N0095

REPORT PERIOD (MONTH/YEAR): 8 / 94

AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
THOMAS E. HALL #3								
4304715593	00615	05S 22E 23	WEBR		- FEE	4208'		
THOMAS E. HALL #4								
4304715594	00615	05S 22E 23	WEBR		- FEE	4200'		
THOMAS HALL FEE 1								
4304715591	00620	05S 22E 23	WEBR		- FEE	4122'		
THOMAS HALL FEE 2								
4304715592	00620	05S 22E 23	WEBR		- FEE	4170'		
THOMAS E. HALL #5S								
4304715595	00620	05S 22E 23	ENRD		- FEE	2055'		
RAINBOW UNIT 2A								
4304715806	01350	11S 24E 18	WSTC		- 40529	(Rainbow Unit)		
RAINBOW UNIT #4								
4304715807	01355	11S 23E 1	WSTC		- 4017664-A	"		
RAINBOW UNIT 1								
4304715805	02010	11S 24E 8	WSTC		- 4017403	"		
ROCKHOUSE UNIT 3								
4304715810	02025	11S 23E 11	WSTC		- 40778	(Rockhouse Unit)		
ROCKHOUSE UNIT 4								
4304715811	02025	11S 23E 9	WSTC		- 40779	"		
ROCKHOUSE UNIT #5A								
4304715812	02025	11S 23E 13	WSTC		- "	"		
ROCKHOUSE UNIT #8								
4304715815	02025	11S 23E 23	WSTC		- 40780	"		
ROCK HOUSE UNIT #44-14								
4304731806	02025	11S 23E 14	WSTC		- 40779	"		
TOTALS								

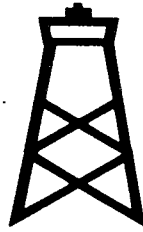
COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date:

Name and Signature:

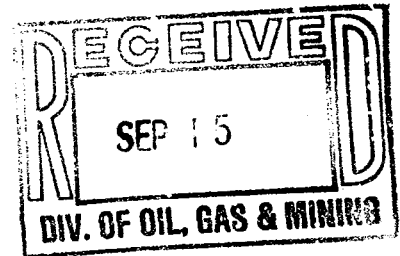
Telephone Number:



The McKenzie Companies

September 14, 1994

UTAH DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas and Mining
355 W. No. Temple
3 Trian Center, Suite 350
Salt Lake City, UT 84180



RE: Change of Operator for Rainbow and Rockhouse Units
Unitah County, Utah

Gentlemen:

This letter is being written to advise you that we have sold our interest in the captioned units and have designated the new owner, UNITED UTILITIES CORPORATION as Operator. We and UNITED UTILITIES CORPORATION have filed the appropriate forms with the Bureau of Land Management and the State of Utah. UNITED UTILITIES CORPORATION has a Letter of Credit in place to meet the requirement of a bond.

For your records, please be advised that our new address is:

7500 San Felipe Suite 400
Houston, Texas 77063
Phone (713) 780-9311
Fax (713) 780-9322

Sincerely,

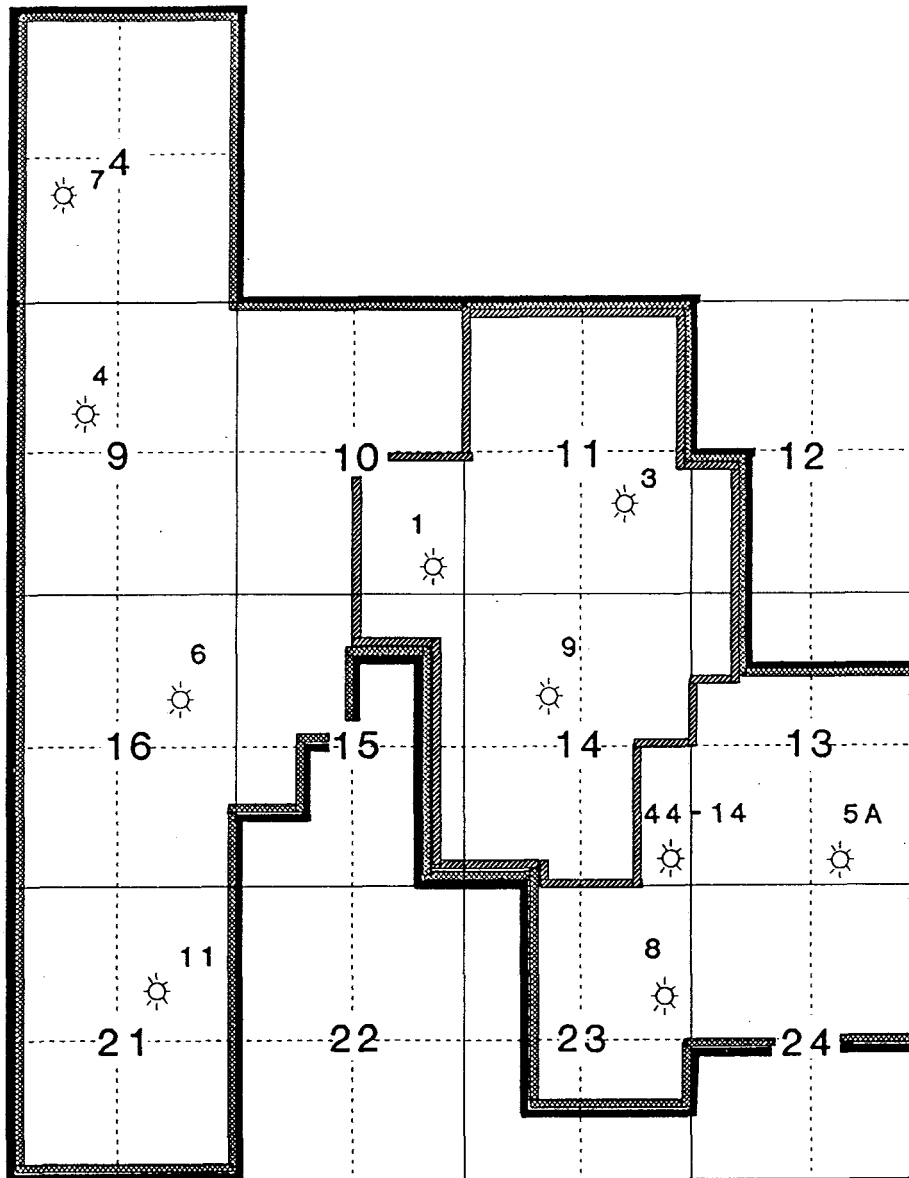
940916 Address Updated. Lc

McKENZIE PETROLEUM COMPANY and/or
McKENZIE PRODUCTION COMPANY

BY

ROCK HOUSE UNIT

Uintah County, Utah



11S

23E

- UNIT AGREEMENT (UTU63030X)
- ▨ WASATCH PA
- ▨ MESAVERDE PA

AS CONTRACTED, FEBRUARY 2, 1966

6,230.45 ACRES

WASATCH PA ALLOCATION

FEDERAL 89.0979%
STATE 10.9021%

5,870.45 Acres

MESAVERDE PA ALLOCATION

FEDERAL 100.00%

1,680.00 Acres

Authorized Officer
Bureau of Land Management

Re: ROCKHOUSE Unit
Uintah County, UTAH

Gentlemen:

Enclosed for your consideration and approval, are four (4) copies of Resignation of Unit Operator and Designation of Successor Operator for the ROCKHOUSE Unit Area. The enclosed instrument has been executed by more than the required percentage of working interest owners pursuant to the ROCKHOUSE Unit and Unit Operating Agreements. All operations within the ROCKHOUSE Unit Agreement will be covered by bond no. Letter of Credit.

Sincerely,
McKENZIE PETROLEUM CO. and/or
McKENZIE PRODUCTION CO.

BY 

Enclosures

Authorized Officer
Bureau of Land Management

Re: ROCKHOUSE Unit
Uintah County, UTAH

Gentlemen:

Enclosed for your consideration and approval, are four (4) copies of Resignation of Unit Operator and Designation of Successor Operator for the ROCKHOUSE Unit Area.

UNITED UTILITIES CORP., as the designated successor operator under the ROCKHOUSE Unit Agreement, hereby certifies that the requisite approvals of the current working interest owners in the agreement have been obtained to satisfy the requirements for selection of a successor operator as set forth under the terms and provisions of the agreement. All operations within the ROCKHOUSE Unit Agreement will be covered by bond no. Letter of Credit.

Sincerely,

UNITED UTILITIES CORP.

BY: 
Prescott

Enclosures

RESIGNATION OF UNIT OPERATOR

ROCKHOUSE Unit Area

County of UINTAH

State of UTAH

Unit Agreement No. (un-numbered)

Under and pursuant to the provisions of Section 5 of the Unit Agreement for the Development and Operation of the ROCKHOUSE Unit Area, UINTAH County,

UTAH,

McKENZIE PETROLEUM CO. and/or

McKENZIE PRODUCTION CO. the designated Unit Operator under said Unit Agreement, does hereby resign as Unit Operator, effective upon the selection and approval of a successor Unit Operator.

EXECUTED with effect as aforesaid the 14th day of September, 1994.

ATTEST:

McKENZIE PETROLEUM CO. and/or
McKENZIE PRODUCTION CO.

BY: 

DESIGNATION OF
SUCCESSOR UNIT OPERATOR

ROCKHOUSE Unit Area

County of UINTAH

State of UTAH

Unit Agreement No. (un-numbered)

THIS INDENTURE, dated as of the 14th day of September, 1994 by and between UNITED UTILITIES CORP., hereinafter designated as "First Party," and the owners of unitized working interests, hereinafter designated as "Second Parties,"

WITNESSETH:

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the 14th day of September 1994, approved a Unit Agreement for the ROCKHOUSE Unit Area, wherein UNITED UTILITIES CORP. is designated as Unit Operator, and

McKENZIE PETROLEUM CO. and/or
WHEREAS said, McKENZIE PRODUCTION ⁶⁹ has resigned as such Operator and the designation of a successor Unit Operator is now required pursuant to the terms thereon; and

WHEREAS the First Party has been and hereby is designated by Second Parties as Unit Operator, and said First Party desires to assume all the rights, duties and obligations of Unit Operator under the said Unit Agreement:

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First party hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator under and pursuant to all the terms of the ROCKHOUSE Unit Agreement, and the Second Parties covenant and agree that, effective upon approval of this indenture by the Chief, Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Unit Operator, pursuant to the terms and conditions of said Unit Agreement; said Unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

FIRST PARTY

UNITED UTILITIES CORP.

BY 
President

SECOND PARTIES

McKENZIE PETROLEUM CO. and/or
McKENZIE PRODUCTION CO.

BY 

Execution Date: September 14, 1994

BY _____

Execution Date: _____

BY _____

Execution Date: _____

BY _____

Execution Date: _____

BY _____

Execution Date: _____

CORPORATE ACKNOWLEDGEMENT

STATE OF TEXAS)
) SS.
COUNTY OF Harris)

The foregoing instrument was acknowledged before me this 14th day of September, 1994, by Michael McKenzie, President, and by _____ Secretary of McKENZIE PETROLEUM CO., and/or McKENZIE PRODUCTION CO., a corporation.

WITNESS my hand and official seal.

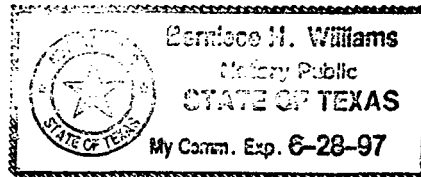
My Commission Expires:

6-28-97

Bernice H. Williams
Notary Public

Place of Residence:

Houston, Harris County, Texas



CORPORATE ACKNOWLEDGEMENT

STATE OF TEXAS)
) SS.
COUNTY OF Harris)

The foregoing instrument was acknowledged before me this 14th day of September, 1994, by John Lapaglia, President, and by _____ Secretary of UNITED UTILITIES CORP., a corporation.

WITNESS my hand and official seal.

My Commission Expires:

4-2-98

Glenna D. Van Overbeke
Notary Public

Place of Residence:

Houston, Harris County, Texas

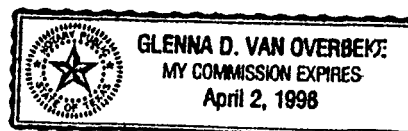


EXHIBIT "A"
Rockhouse Unit
Uintah County, Utah
Lease Numbers and Description

<u>B.L.M. Lease Number</u>	<u>Location</u>
U-0778	T11S, R23E, SLM, SEC 4: ALL. SEC 11: ALL. SEC 12: W/2SW/4.
U-0779	T11S, R23E, SLM, SEC 9: ALL. SEC 10: ALL. SEC 13: LOTS 2-4, SW/4NE/4, W/2SE/4, SW/4, S/2NW/4, NW/4NW/4.
U 0780	T11S, R23E, SLM, SEC 15: E/2E/2, NW/2NE/4, NW/4, NE/4SW/4. SEC 23: NE/4, E/2NW/4, NE/4SW/4, N/2SE/4. SEC 24: N/2.
U 016788	T11S, R23E, SLM, SEC 21: SE/4.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

September 26, 1994

Dan Corredor
United Utilities Corporation
7670 Woodway, Suite 340
Houston, Texas 77063

Re: McKenzie Production Company to United Utilities Corporation

Dear Mr. Corredor:

In reviewing the operator change for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce
Division of Corporations
160 East 300 South
Salt Lake City, Utah 84111
(801) 530-4849

Sincerely,

Lisha Cordova
Admin. Analyst

cc: Dept. of Commerce
D.T. Staley
R.J. Firth
Operator File(s)
Correspondence File/ldc

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

Routing:

1-LEC	7-PL	✓
2-LWP	8-SJ	✓
3-DTS	9-FILE	✓
4-VLC		✓
5-RJF		✓
6-LWP		✓

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 9-14-94)

TO (new operator)	UNITED UTILITIES CORPORATION	FROM (former operator)	MCKENZIE PRODUCTION CO
(address)	7670 WOODWAY STE 340	(address)	7500 SAN FELIPE STE 400
	HOUSTON TX 77063		HOUSTON TX 77063
	JOHN LAPAGUA, PRES.		MICHAEL MCKENZIE, PRES.
phone (713)	782-9093	phone (713)	780-9311
account no.	N6360 (9-26-94)	account no.	N 0095

***RAINBOW UNIT**

***ROCK HOUSE UNIT**

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>047-31806</u>	Entity: _____	Sec _____	Tw _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Tw _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Tw _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Tw _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Tw _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Tw _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Tw _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(rec'd 9-15-94)*
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(rec'd 9-15-94)*
- 3 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) no If yes, show company file number: . *(9-26-94 Letter mailed)*
- 4 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- 5 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(9-26-94)*
- 6 6. Cardex file has been updated for each well listed above. *9-28-94*
- 7 7. Well file labels have been updated for each well listed above. *9-28-94*
- 8 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(9-26-94)*
- 9 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- N/A 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

1. All attachments to this form have been microfilmed. Date: October 3 1994.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

940923 BLM/SL Appr. 9-23-94 (Rainbow & Rockhouse Unit)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 1 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

TAMARA SEITER
 UNITED UTILITIES CORP
 7670 WOODWAY STE 340
 HOUSTON TX 77063

UTAH ACCOUNT NUMBER: N6360REPORT PERIOD (MONTH/YEAR): 12 / 96AMENDED REPORT ☐ (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
THOMAS E. HALL #3						
4304715593 00615 05S 22E 23	WEBR					
THOMAS E. HALL #4						
4304715594 00615 05S 22E 23	WEBR					
THOMAS HALL FEE 1						
4304715591 00620 05S 22E 23	WEBR					
THOMAS HALL FEE 2						
4304715592 00620 05S 22E 23	WEBR					
THOMAS E. HALL 5S						
4304715595 00620 05S 22E 23	ENRD					
RAINBOW UNIT 2A						
4304715806 01350 11S 24E 18	WSTC					
RAINBOW UNIT 4						
4304715807 01355 11S 23E 1	WSTC					
RAINBOW UNIT 1						
4304715805 02010 11S 24E 8	WSTC					
ROCKHOUSE UNIT 3						
4304715810 02025 11S 23E 11	WSTC			-U0778		
ROCKHOUSE UNIT 4						
4304715811 02025 11S 23E 9	WSTC			-U0779		
ROCKHOUSE UNIT #5A						
4304715812 02025 11S 23E 13	WSTC			-U0779	X 3/97 fr. SGL to WSW.	
ROCKHOUSE UNIT #8						
4304715815 02025 11S 23E 23	WSTC			-U0780		
ROCKHOUSE UNIT #44-14						
4304731806 02025 11S 23E 14	WSTC			-U0779		
TOTALS						

COMMENTS: * Rainbow Unit "Separate change".
 * Rockhouse Unit (prev. eff. 4-16-97. (Revised op. to Water Rights - # 5A / 4304715812 - WSW))

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

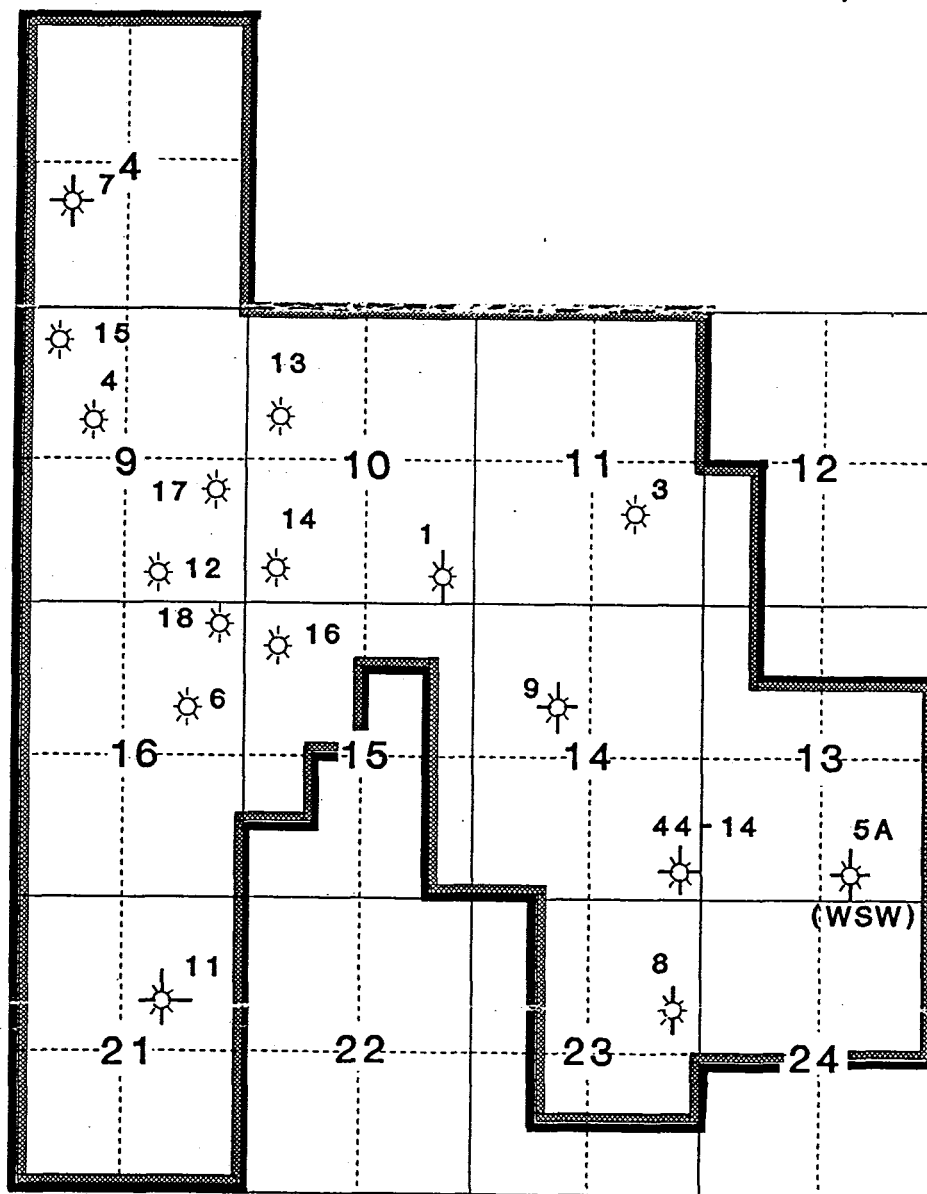
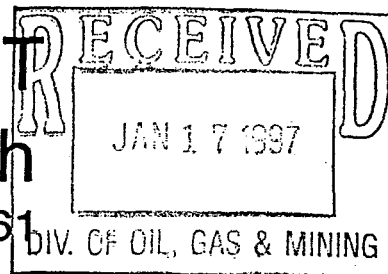
Name and Signature: _____

Telephone Number: _____

ROCK HOUSE UNIT

Uintah County, Utah

EFFECTIVE: JANUARY 11, 1961



11S

23E

— UNIT AGREEMENT (UTU63030X)
— WASATCH - MESAVERDE PA

AS CONTRACTED FEBRUARY 2, 1966

6,230.45 ACRES

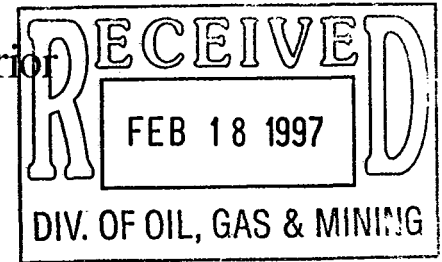
WSTC-MSVD PA ALLOCATION	
FEDERAL	89.7279%
STATE	10.2721%
6,230.45 Acres	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



COPY

February 12, 1997

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

United Utilities Incorporated
Attn: John Lapaglia
7670 Woodway, Suite 340
Houston, Texas 77063

Re: Rock House Unit
Uintah County, Utah

Gentlemen:

We are in receipt of your notice of intent to resign as Unit Operator of the Rock House Unit, effective March 3, 1997.

Please be advised that the resignation shall not become effective for a period of 6 months after notice of intention to resign has been served by the Unit Operator on all working interest owners and this office (February 10), unless a new unit operator is selected, approved and has taken over and assumed the duties and obligations of unit operator prior to the expiration of the six month period. The resignation of the unit operator shall not release United Utilities Incorporated from any liability for any default by it occurring prior to the effective date of resignation.

Until a successor of unit operator is selected and approved, the working interest owners shall be jointly responsible for performance of the duties of Unit Operator, and shall no later than 30 days before such resignation or removal becomes effective (6 months after working interest notification) appoint a common agent to represent them in any action to be taken under the agreement..

If no successor of unit operator is selected and qualified as provided in Section 6 of the unit agreement, this office may at its election declare the unit agreement terminated.

Please provide all interested parties, copies of this correspondence. If you have any questions, please contact Teresa Thompson (801) 539-4047 or Mickey Coulthard (801) 539-4042.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

bcc: District Manager - Vernal
~~Division Oil, Gas & Mining~~
File - Rock House Unit
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:02-12-97

UNITED

UTILITIES INCORPORATED

April 8, 1997

State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801
ATTN: Lisha Cordova

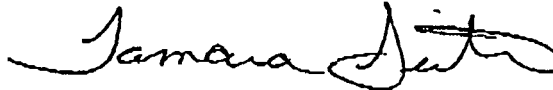
Re: Resignation of Unit Operator (Rainbow, Rockhouse & Upper Rockhouse)

Dear Lisha Cordova,

Per our conversation on April 7, 1997 United Utilities Corporation has resigned as Unit Operator effective February 1, 1997 and Rosewood Resources Inc. is now the new Operator effective February 1, 1997. Please find the Monthly Oil and Gas Production Report showing Well Name, API # and Location of the Wells so that you can properly update United Utilities and Rosewoods Accounts.

Thanks in advance and have a great day.

Sincerely,
United Utilities Corporation



Tamara Seiter
Senior Accountant
Revenue & Joint Interest Billing

ts

FAX

To:

Attn:

Tisha Cordova

Time Sent:

3:28 pm

From:

Sammy Lee

Date:

4/8/97

Number of Pages:

4

Fax Number:

(800) 359-3740

(includes this page)

Remarks:

Tisha, I'm faxing you a letter
where United is Resigning as
unit operator effective 2/1/98

Please call with any
questions,

Thanks, Sammy

The information contained in this facsimile message is privileged and confidential information, intended for the use of the individual or entity indicated above. Any dissemination, distribution or copy of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone and return the original message to us via the U. S. Postal Service. Thank you.

UUC

UNITED UTILITIES CORPORATION
7670 Woodway Dr., Suite 340
Houston, Texas 77063
Phone: (713) 782-9093
Fax: (713) 782-9095

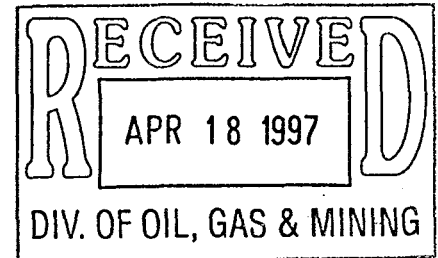


COPY

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
UT-931

April 16, 1997

Rosewood Resources, Inc.
100 Crescent Court, Suite 500
Dallas, Texas 75201

Re: Rock House Unit
Uintah County, Utah

Gentlemen:

On April 10, 1997, we received an indenture dated March 1, 1997, whereby United Utilities Corporation resigned as Unit Operator and Rosewood Resources, Inc. was designated as Successor Unit Operator for the Rock House Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 16, 1997.

Your nationwide (Montana) oil and gas bond No. 0627 will be used to cover all operations within the Rock House Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ James A. Fouts

for Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
~~Division of Oil, Gas & Mining~~
Minerals Adjudication Group U-932
File - Rock House Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-931:TAThompson:tt:April 16, 1997

WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM 891007314C ROCK HOUSE WS MV									
✓ 891007314C	430471580900S1	1	SESE	10	11S	23E	TA	UTU0779	UNITED UTILITIES CORPORAT
✓ 891007314C	430473271900S1	12	SWSE	9	11S	23E	PGW	UTU0779	UNITED UTILITIES CORPORAT
✓ 891007314C	430473252200S1	13	SWNW	10	11S	23E	PGW	UTU0779	UNITED UTILITIES CORPORAT
✓ 891007314C	430473252100S1	14	SWSW	10	11S	23E	PGW	UTU0779	UNITED UTILITIES CORPORAT
✓ 891007314C	430473273400S1	15	NWNW	9	11S	23E	PGW	UTU0779	UNITED UTILITIES CORPORAT
891007314C	430473276100X1	16	NWNW	15	11S	23E	ABD	UTU0780	UNITED UTILITIES CORPORAT
✓ 891007314C	430473276000S1	17	NESE	9	11S	23E	PGW	UTU0779	UNITED UTILITIES CORPORAT
✓ 891007314C	430473276200S1	18	NENE	16	11S	23E	PGW	STATE	UNITED UTILITIES CORPORAT
✓ 891007314C	430471581000S1	3	NWSE	11	11S	23E	PGW	UTU0778	UNITED UTILITIES CORPORAT
✓ 891007314C	430471581100S1	4	SENW	9	11S	23E	PGW	UTU0779	UNITED UTILITIES CORPORAT
→ 891007314C	430473180600S1	44-14	SESE	14	11S	23E	ABD	UTU0779	UNITED UTILITIES CORPORAT
891007314C	430471581200S1	5A	SWSE	13	11S	23E	WSW	UTU0779	UNITED UTILITIES CORPORAT
✓ 891007314C	430471581500S1	8	SENE	23	11S	23E	TA	UTU0780	UNITED UTILITIES CORPORAT
<i>PA'd; add'l Rehab Ref. by BLN</i> <i>Referred Op. to Water Rights</i>									
** INSPECTION ITEM 891007314X ROCK HOUSE X									
✓ 891007314X	430473275300S1	13-A	SWNW	10	11S	23E	POW	UTU0779	UNITED UTILITIES CORPORAT

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-IBC	6-LEC
2-GLH	7-KDR KAS
3-DTSOTS	8-SI
4-VLD	9-FILE
5-RIF JEB	

☒ Change of Operator (well sold)

☐ Designation of Agent

☐ Designation of Operator

☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 2-1-97

TO: (new operator) ROSEWOOD RESOURCES INC
(address) 100 CRESCENT COURT #500
DALLAS TX 75201

Phone: (214)871-5710

Account no. N7510

FROM: (old operator) UNITED UTILITIES CORP.

(address) 7670 WOODWAY STE 340

HOUSTON TX 77063

TAMARA SEITER

Phone: (713)782-9093

Account no. N6360

WELL(S) attach additional page if needed:

ROCK HOUSE UNIT

Name: **SEE ATTACHED**	API: <u>43-047-3806</u>	Entity: <u> </u> S <u> </u> T <u> </u> R <u> </u>	Lease: <u> </u>
Name: <u> </u>	API: <u> </u>	Entity: <u> </u> S <u> </u> T <u> </u> R <u> </u>	Lease: <u> </u>
Name: <u> </u>	API: <u> </u>	Entity: <u> </u> S <u> </u> T <u> </u> R <u> </u>	Lease: <u> </u>
Name: <u> </u>	API: <u> </u>	Entity: <u> </u> S <u> </u> T <u> </u> R <u> </u>	Lease: <u> </u>
Name: <u> </u>	API: <u> </u>	Entity: <u> </u> S <u> </u> T <u> </u> R <u> </u>	Lease: <u> </u>
Name: <u> </u>	API: <u> </u>	Entity: <u> </u> S <u> </u> T <u> </u> R <u> </u>	Lease: <u> </u>
Name: <u> </u>	API: <u> </u>	Entity: <u> </u> S <u> </u> T <u> </u> R <u> </u>	Lease: <u> </u>

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 4-8-97)
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (X BLM Apprv. 4-16-97)
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) If yes, show company file number:
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (4-30-97)
- lec 6. **Cardex** file has been updated for each well listed above. (5-5-97)
- lec 7. Well **file labels** have been updated for each well listed above. (5-5-97)
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (4-30-97)
- lec 9. A folder has been set up for the **Operator Change** file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Jec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- NA 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- Jec 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond. *Trust Lands 80,000 Surety #5836732 "Safeco Ins. Co."*
- Jec/NA 2. A copy of this form has been placed in the new and former operator's bond files.
- Jec 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) no, as of today's date 4-22-97. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- BTJ 1. Copies of documents have been sent on 5/9/97 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- NA 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 __, of their responsibility to notify all interest owners of this change.

FILMING

- W 1. All attachments to this form have been **microfilmed**. Today's date: 6-6-97.

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

970418 B'm/SL Appr. 4-16-97 eff. same.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-63030C

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

ROCK HOUSE UNIT

8. Well Name and No.

ROCK HOUSE FED #44-14

9. API Well No.

43-047-31806

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH CO., UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ROSEWOOD RESOURCES, INC.

3. Address and Telephone No.

P.O. Box 1668, Vernal, UT

435-789-0414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SE SECTION 14 T11S R23E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

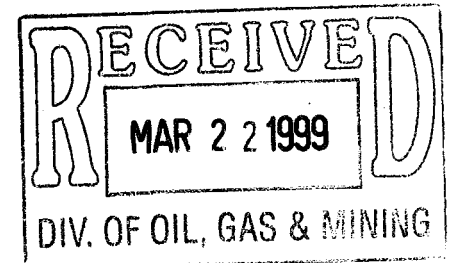
TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other TA STATUS
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Rosewood Resources is currently conducting a geological evaluation on all Uintah Basin properties and requests a one year extension of the TA status of the above referenced well. Rosewood has plans to deepen this well through the Mesa Verde and Castlegate formations.



COPIES: ORIG. & 2-BLM; DIV. OG&M; J MCQUILLEN

14. I hereby certify that the foregoing is true and correct

Signed

Lucy Nemes

Title Administrative Assistant

Date 03/16/99

(This space for Federal or State office use)

Approved by

Title

Accepted by the
Utah Division of
Oil, Gas and Mining

Conditions of approval, if any:

COPY SENT TO OPERATOR
Date: 3-25-99
By: CHD

Date: 3-24-99

By: RSK

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-0779

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
Rockhouse

8. Well Name and No.
U
Rockhouse #44-14

9. API Well No.
43-047-31806

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH CO., UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ROSEWOOD RESOURCES, INC.

3. Address and Telephone No.

P.O. Box 1668, Vernal, UT 435-789-0414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE SE SEC 14 T11S, R23E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other TA STATUS
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Rosewood Resources is requesting approval for temporarily abandoned status of the above mentioned well.

Thank You,
Jill Henrie

435-789-0414 x10

THIS SUNDRY IS BEING RETURNED; INSUFFICIENT DATA WAS SUBMITTED TO APPROVE THE REQUESTED ACTION (see attached sheet).

RECEIVED

NOV 23 2003
November 14, 2003
Utah Division of Oil, Gas and Mining

COPIES: ORIG. & 2-BLM; DIV. OG&M; J MCQUILLEN

14. I hereby certify that the foregoing is true and correct

Signed

Jill Henrie

Title Administrative Assistant

Date 10/20/03

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

INFORMATION REQUIRED TO EXTEND SI/TA OF WELL

Well Name and Number: Rockhouse U #44-14
API Number: 43-047-31806
Operator: Rosewood Resources, Inc.
Reference Document: Original Sundry dated October 20, 2003, received
by DOGM on October 23, 2003

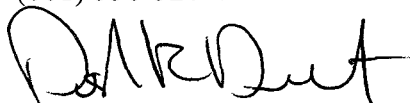
The well has been Shut-in/Temporarily Abandoned for 8 years 9 months. Insufficient information was submitted to the Division to approve the referenced well for continued Shut-in or Temporary Abandonment (SI/TA). The following requirements of R649-3-36 have not been met with this request for SI/TA approval.

1. Reasons for SI/TA of the well (R649-3-36-1.1)
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment. (R649-3-36-1.3)

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram and;
2. Copy of recent casing pressure test and/or;
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity and;
4. Fluid level in the wellbore and;
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.



Dustin K. Doucet
Petroleum Engineer

November 14, 2003

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Rosewood Resources, Inc.

3a. Address
P.O. Box 1668 Vernal, UT 84078

3b. Phone No. (include area code)
435-789-0414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SESE SEC 14 T11S R23E SLB&M

5. Lease Serial No.
UTU-0779

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.
Rockhouse Unit

8. Well Name and No.
Rockhouse Federal #44-14

9. API Well No.
43-047-31806

10. Field and Pool or Exploratory Area
Rockouse

11. Country or Parish, State
Utah, County, UT

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Please see attached rig reports for abandonment of this wellbore. BLM representative Alan Walker witnessed.
Thank You,

Jill Henrie
Rosewood Resources, Inc.
P.O. Box 1668
Vernal, UT 84078
435-789-0414 x10

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Jill Henrie

Title Administrative Assistant

Signature

Date 02/09/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

FEB 17 2009

DIV. OF OIL, GAS & MINING

ROSEWOOD RESOURCES, INC.

Daily Chronological Report

WELL NAME: Rockhouse #44-14

API # 43-047-31806

SESE SEC 14 T11S R23E

Lease Number #UTU-0779

County : Uintah

Engineer : J Watkins / K Carrigan

AFE Gross ESTIMATE: \$53,800

12/6/2008

Western Wellsite Inc. moving equipment to location. Leveled pad around wellhead with backhoe.

12/7/2008

Safety meeting – BOP. MIRU ND tree No tubing in well. NU BOP Went to the Rainbow#4 location and loaded workstring. PU tubing and TIH to tag. Tagged CIBP @ 2704.3'. Should be 4400'. 1695' high. Called BLM. Ryan Angus wants to see if we can get Injection rate or if it will pressure up. Will test tomorrow morning.

12/8/2008

Safety meeting – Equipment maintenance. Tagged again @2704'. Pressured up casing to 500 psi, then drops fast. Alan Walker, BLM, witnessed tag and pressure test. Hydarulic pump on cementer quit working. Had to bring in another truck. Pumped 40 sacks cement @2704'. TOH. WOC.

12/9/2008

Held Pre-Job Safety Meeting; Pump operations, valves, whip checks. RIH and tagged cement plug at 2498'. Loaded hole and tested casing. Would not test. POOH with tbng. RIH with 7" packer and hunted holes. Found holes from 1116' to 2360'. Pulled tbng and packer. Per BLM, RIH with 2-3/8" tbng to 2360'. Mixed and pumped 40 sks of class G 15.8# cement in an 8 bbl slurry. Displaced with 8 bbls of water. Pulled up hole to 1455'. Mixed and pumped 80 sks of class G 15.8# cement in a 16 bbl slurry. Displaced with 4 bbls of water. Pulled 20 stands. WOC. SDFD
BLM: Alan Walker

12/10/2008

Held Pre-Job Safety Meeting; Freeze problems and prevention. RIH and tagged cement plug at 1271'. Mixed and pumped 50 sks of class G 15.8# cement in a 10 bbl slurry. Displaced with 4 bbls of water. POOH laying down 53 jnts. WOC. MIRU wireline. Wireline tagged cement plug at 1050'. Shot squeeze holes at 500'. RDMO wireline. Attempted to establish injection rate through squeeze holes. Pressured to 1000 psi. Per BLM, RIH with 2-3/8" tbng to 558'. Mixed and pumped 130 sks of class G 15.8# cement from 558' to surface. LD tbng. ND BOPs. Rigged down P&A Rig. SDFD. BLM: Alan Walker

12/11/2008

Held Pre-Job Safety Meeting; Pre-trip vehicle inspections. Dug out surface head and cut off 3' below surface. Found 7" casing cemented to 9' from surface. Topped off 7" and 7" x 9-5/8" annulus with 7 sks of class G 15.8# cement to surface. Welded on cap and marker plate. Backfilled hole. RD equipment and moved to Marble Mansion Unit #1. Moved wellheads and salvage tbng to Rockhouse #8 awaiting road truck.

FINAL REPORT